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Muskingum College

New Concord, Ohio

Catalog Edition

1920-1921

MUSKINGUM COLLEGE BULLETIN

Series XVI JUNE 1920 No. 2-3

Entered as Second Class Matter April 13, 1905, at New Concord, Ohio, under Act of Congress, July 16, 1894

THE EIGHTY-THIRD ANNUAL CATALOG

of

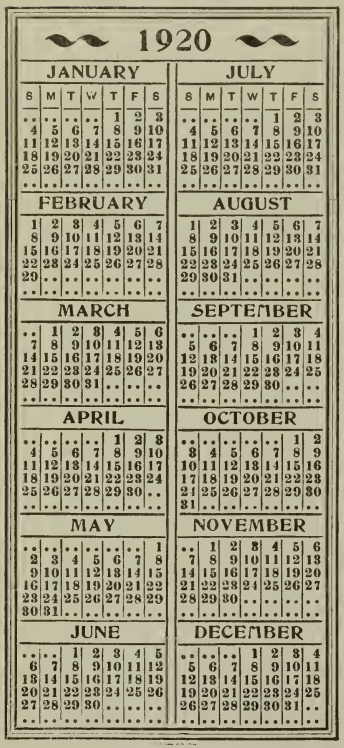
Muskingum College

Announcements
For the Year

1920 - 1921

With List of Students in Attendance
1919 - 1920

Bulletin, Series XVI, No. 2-3
Issued Bi-Monthly by the College, New Concord, Ohio
June, 1920



1920

JANUARY

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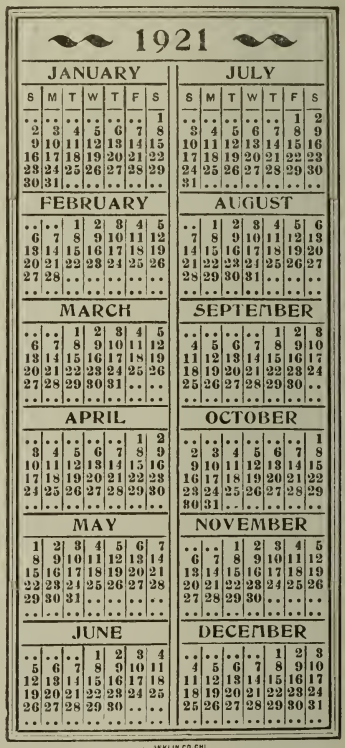

1921

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DECEMBER

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CALENDAR

1920

January 6, Tuesday, 8:00 A. M. ..... Winter Recess Ended
January 30, Friday, 3:30 P. M. ..... First Semester Ended
January 31, Saturday, 8:00 A. M. ..... Registration
February 2, Monday, 1:30 P. M. ..... Second Semester Began
March 18, Wednesday ..... Founders' Day
March 26, Friday, 3:30 P. M. ..... Spring Vacation Began
April 6, Tuesday, 8:00 A. M. ..... Spring Vacation Ended
May 3rd, Monday ..... Spring Normal Term Began
June 6, Sabbath ..... Baccalaureate Day
June 8, Tuesday, 10:30 A. M. ..... Meeting of Trustees
June 10, Thursday ..... Commencement
June 14, Monday, 3:30 P. M. ..... Summer Term Begins
August 6, Friday ..... Summer Term Ends
September 14, Tuesday 2:30 P. M. ..... First Semester Begins
November 25, Thursday ..... Thanksgiving
December 17, Friday ..... Winter Recess Begins

1921

January 4, Tuesday, 8:00 A. M. ..... Winter Recess Ends
January 28, Friday, 3:30 P. M. ..... First Semester Ended
January 29, Saturday ..... Registration and Tuition
January 31, Monday, 1:30 P. M. ..... Second Semester Begins
March 18th, Friday ..... Founders' Day
March 28, Friday, 3:30 P. M. ..... Spring Vacation Begins
April 5, Tuesday, 8:00 A. M. ..... Spring Vacation Ended
May 2, Monday ..... Spring Normal Term Begins
June 5, Sabbath ..... Baccalaureate Sermon
June 7, Tuesday, 10:30 A. M. ..... Meeting of Trustees
June 9, Thursday ..... Commencement
June 13, Monday, 2:30 P. M. ..... Summer Term Begins
August 5, Friday, 3:30 P. M. ..... Summer Term Ends
September 12, Monday, 8:00 A. M. ..... Registration Begins
September 13, Tuesday, 2:30 P. M. ..... First Semester Opens
November 24, Thursday ..... Thanksgiving
December 23, Friday, 3:30 P. M. ..... Winter Recess Begins

COMMENCEMENT PROGRAM 1920

SABBATH, MAY 30

8:00 P. M. ..... Academy Baccalaureate

THURSDAY, JUNE 3

7:00 P. M. ..... Reception to Senior Class
Dr. and Mrs. Montgomery

FRIDAY, JUNE 4..

8:00 P. M. ..... Academy Commencement

SATURDAY, JUNE 5

8:00 P. M. ..... Literary Diploma Night

SABBATH, JUNE 6

11:45 Noon ..... Sermon before the Christian Associations

8:00 P. M. ..... Baccalaureate Sermon
President J. Knox Montgomery

MONDAY, JUNE 7

8:00 A. M. ..... Closing Chapel Service

8:00 P. M. ..... Junior Play
"Disraeli"

TUESDAY, JUNE 8

10:30 A. M. ..... Board of Trustees Meets

2:00 P. M. ..... Conservatory Recital

8:00 P. M. ..... Brown Oratorical Contest

WEDNESDAY, JUNE 9

11:30 A. M. ..... Alumni Association Meeting and Banquet

8:00 P. M. ..... Concert by Choral Society

THURSDAY, JUNE 10

10:30 A. M. ..... Commencement Exercises
By Representatives of the Class

2:00 P. M. ..... Conferring of Degrees and Annual Address
Samuel Wilson McCall

7:00 P. M. ..... President's Reception to Public

8:30 P. M. ..... College Sing

Board of Trustees

Term Expires 1920

Rev. W. P. Aiken, D. D. ..... Canonsburg, Pa.
T. Dales Kyle, Esq. ..... Xenia, Ohio
J. H. McCall, Esq. ..... Cleveland, Ohio
W. P. Sharer, Esq. ..... Zanesville, Ohio
E. B. Castor, Esq. ..... New Concord, Ohio
Rev. J. H. Spencer ..... Wooster, Ohio
D. M. Ogilvie, Esq. ..... East Liverpool, Ohio
Earl Montgomery, Esq. ..... New Concord, Ohio
Thomas Pyles, Esq. ..... Cambridge, Ohio

Term Expires 1921

Rev. Mertz A. Eakin, D. D. ..... Steubenville, Ohio
Rev. O. H. Milligan, D. D. ..... Ben Avon, Pa
Robert Kerr, Esq. ..... Detroit, Mich.
R. L. Brownlee, Esq. ..... (deceased)
Hon. C. Ellis Moore ..... Cambridge, Ohio
W. B. Baughman, Esq. ..... New Concord, Ohio
S. H. Maharry, Esq. ..... Wellston, Ohio
Rev. I. G. McCreary, D. D. ..... Wheeling, W. Va.
Rev. Ira F. Leeper ..... St. Clairsville, Ohio

Term Expires 1922

Rev. W. J. Grimes, D. D. ..... New Concord, Ohio
Rev. D. A. McClenahan, D. D. LL. D. ..... Pittsburgh, Pa.
Rev. L. L. Gray ..... Northfield, Ohio
Rev. S. E. Martin, D. D. ..... Akron, Ohio
Rev. J. C. Smith, ... Cambridge, Ohio
Robert McGowan, Esq. ..... Steubenville, Ohio
Fred Sebring, Esq. ..... Sebring, Ohio
Rev. Frederick Elliott ..... Mansfield, Ohio
L. B. Peterson, M. D ..... Steubenville, Ohio

Rev. M. A. Eakin, D. D. ..... President
T. Dales Kyle ..... Vice President
Rev. W. J. Grimes, D. D. ..... Secreaty
Hon. L. J. Graham ..... Treasurer

Executive Committee

Rev. J. Knox Montgomery, D. D., President
Rev. J. C. Smith
Rev. W. J. Grimes, D. D.
W. P. Sharer, Esq.
E. B. Castor, Esq.
Hon. C. Ellis Moore

Visiting Committee

Rev. W. J. Grimes, D. D.
W. B. Baughman, Esq.
E. B. Castor, Esq.
Earl Montgomery, Esq.

Visiting Committee

Prof. S. H. Mahary
Rev. W. P. Aikin, D. D.
Rev. Frederick Elliott
Rev. S. E. Martin, D. D.

Committee on Degrees

Rev. O. H. Milligan, D. D.
Rev. D. A. McClenahan, D. D. LL., D.
Rev. L. L. Gray

Committee on Buildings and Grounds

Robert McGowan, Esq.
J. Dales Kyle, Esq.
Thomas Pyles, Esq.
J. H. McCall, Esq.
D. M. Ogilvie, Esq.
Dr. L. B. Peterson

Ladies Auxiliary Committee

Mrs. J. Knox Montgomery
Mrs. E. B. Castor
Mrs. W. J. Grimes
Mrs. J. G. Lowery

FACULTY

J. KNOX MONTGOMERY, D. D., PRESIDENT

JOHN ALEXANDER GRAY, A. M., Ph. D.
Professor Emeritus of Mathematics and Logic

THOMAS HOSACK PADEN, A. M., Ph. D.
Professor of Latin

JOHN COLEMAN, A. M.
Professor of Psychology

MARY EMMA SHARP, A. M.
Professor of Modern Languages

JOHN GLENN LOWREY, A. M.
Dead of Education and Principal of the Academy

EARL RUSKIN BRYANT, A. M.
Professor of Biology

CHARLES RUSH LAYTON, A. M.
Professor of Oratory and Expression

GEORGE BOONE McCREARY, A. M., Ph. D.
Professor of Greek and English Bible

LEROY PATTON, M. S. (absent on leave 1919-20)
Professor of Chemistry

CLARA EVERETT SHACKLETON, A. M.
Professor of English

HUGH ALEXANDER KELSEY, A. B., D. D.
Professor of English Bible

WILLIAM COLUMBUS HUNTER, A. M.
Professor of History

ARTHUR STEVENSON WHITE, M. A., LL. B.
Professor of Government and Sociology

HARRY A. BENDER, M. S.
Professor of Mathematics

( )
Professor of Economics and Business Administration

JAMES G. RALSTON, M. S.
Acting Professor of Chemistry, 1919-20

BEULAH BROOKS BROWN, Ph. B.
Assistant Professor of English

LUELLA POLLOCK, B. S.
Professor of Home Ecnomics

JOHN DINSMORE ALLEY, B. S.
Assistant Professor of Chemistry

ANNA MARY RENTSCH, A. B.
Assistant Professor of Modern Languages

JEANNETTE REED, A. M.
Instructor in Latin

FERNE PARSONS LAYTON, B. O.
Physical Director of Women and Assistant in Oratory

MARY AUGUSTA STONE, A. B.
Normal Instructor

ANNA KATHARINE MOORE, B. S.
Dean of Women

EZRA H. F. WEIS, MUS. G.
Director of Conservatory of Music,
Composition, Pianoforte, Organ

FRANCES SEDDON
Voice, Sight Singing, Music History, Public School Music

WILLIAM WISHART GRAY
Violin, Orchestra

ESTELLA M'CARTNEY
Piano, Kindergarten

SARA ALISON GRAY, B. S.
Instructor in Art

MILDRED WHITE
Piano

RUTH LOUISE POLLOCK
Librarian

LEONARD JOHNSON GRAHAM, A. M.
Treasurer

Officers and Committees of the Faculty

J. Knox Montgomery, D. D. ..... *President*

Charles R. Layton ..... *Acting Dean*

G. Boone McCreary ..... *Secretary and Registrar*

Committee of Administration—Professors Layton, Lowery, Kelsey and McCreary.

STANDING COMMITTEES OF FACULTY

Registration, Classification, and Reports—Professors McCreary, Lowery, Coleman, and Layton.

Student Affairs and Regulations—Dean Moore, Professors F. Layton, McCreary, Sharp and Pollock.

Athletic and Gymnasium—Professors Graham. Lowery, Coleman, and Alley.

Library—Professors Coleman, Brown, Bryant, Shackelton, and Layton.

Lectures and Public Exercises—Professors Layton, Graham, Seddon, and Bryant.

College and Student Publications—Professors McCreary, Lowery, Sharp, Layton, and Kelsey.

Appointment and Recommendation—Professors Lowery, Stone, and Coleman.

Senior Theses and Speakers—Professors Shackleton, F. Layton, Brown, and Coleman.

The President is ex-officio member of all committees.

GENERAL INFORMATION

HISTORICAL STATEMENT

The first steps toward the establishment of Muskingum College were taken by the people of New Concord in 1836, when, believing in the "Ordinance of 1787," which declared that "Religion, Morality and Knowledge, being necessary to good government and the happiness of mankind, schools and the means of education shall be forever encouraged," they applied for a charter. This was granted by the General Assembly of the State of Ohio, March 18, 1837. For many years the College was run as a local institution, governed by a local Board of Trustees. In 1877, believing that the time had come for the college to enter upon a broader field of service, its formal control was transferred to the United Presbyterian Presbyteries of Muskingum and Mansfield. In 1888 its sphere of service was still further extended when it came under the control of the United Presbyterian Synod of Ohio. These transfers have largely increased its constituency and made it the representative of higher education for a Christian body, having a large membership in Ohio, Michigan, West Virginia, and Pennsylvania. The Board of Trustees is elected by the Synod of Ohio, nine of them being nominated by the Alumni Association of the College. Though under denominational care and control, the College offers her advantages to all on equal terms without regard to denominational affiliation. Three denominations are represented on her board, five on her faculty, and thirteen in her student body.

Among those who have served Muskingum College as president are men whose names are widely known in the United Presbyterian Church and in the educational world. Among these may be mentioned her first president, Rev. Benjamin Waddle, D. D., who was in close touch with the institution for over twenty years. Rev. David A. Wallace, D. D., LL.. D., who afterwards became the efficient president of Monmouth College, began his educational career as president of Muskingum. Rev. David Paul, D. D., was president for fourteen years, a man mighty in word and deed. Rev. F. M. Spencer, D. D., ex-president of Cooper College, was president of Muskingum from 1870 to 1886. Rev. J. D. Irons, D. D., LL. D., succeeded

him, serving the institution for five years. Rev. Jesse Johnson, D. D., now professor in Xenia Theological Seminary, was president from 1893 to 1902. During his administration the present main college building and gymnasium were erected.

The present president entered upon his duties in September, 1905, and was inaugurated November 7 of the same year. During his administration, the entrance requirements have been standardized and the curriculum of the college strengthened until it is now a member of the Association of Ohio Colleges and of the North Central Association of Colleges and Secondary Schools. The Academy has a four year course bearing the imprimatuer of the State School Commissioner of Ohio as a first grade high school and is a member of the North Central Association. The growth of the institution has been rapid during the past few years, the total enrollment this year aggregating 1053. Over twelve thousand young men and women have been in attendance upon Muskingum. Over half of her male graduates have entered the ministry, a large number have served as teachers, and nineteen have become college, university, and seminary Presidents two of whom attained national, and one, the late President W. R. Harper of Chicago University, international fame. Thousands of other teachers have received their training at Muskingum College. Her roster of statesmen, lawyers, bankers, and business men, includes names that are most honored. Today Muskingum College through her representatives serves in all parts of the world. During the past fifteen years sixty of her graduates have sailed for foreign fields. Her student body today comes from twenty-three states and three foreign countries. A first class Conservatory of Music has been developed in connection with the college and a School of Expression which has few superiors. The college has taken front rank in Ohio in oratory and debate, having won the State Oratorical Contest four times, and during the same time winning thirty-one inter-collegeiate debates besides winning the Tri-State Oratorical Contest three times and once winning the Inter-State Oratorical Contest over the leading orators of eleven States, representing one hundred and eleven colleges and universities.

The aim of the institution is to give thorough training. The college idea should be culture—the production of the best man-

hood and womanhood. And this does not require that utility be lost sight of, but that it be held in proper relation. For young people the studies which are called "practical" are after all more useful for their discipline that for their direct contribution to skill in the callings of life. She concentrates her effort, so far as studies are concerned, on the preparation of young men and women to receive the bachelor's degree, and her good reputation for undergraduate work has proved her wisdom.

The graduates of Muskingum College do not fail to take high rank in university post-graduate work or when they enter professional or technical schools. Students coming to Muskingum may be sure of thorough training, and a preparation for life that will serve their best interests and fit them for rendering the best service to their generation.

LOCATION

Muskingum College is located on the main line of the B. & O. Railroad, two hours east of Columbus, Ohio, and four hours and thiry minutes west of Pittsburgh, Pa. It is eight miles from the city of Cambridge, and eighteen miles from the city of Zanesville. Connections at Pittsburgh, Wheeling, Bellaire, Cambridge, Zanesville, Newark, Columbus, Mt. Vernon, Mansfield, Cincinnati, etc., make New Concord easy of access. The College town is located among the picturesque hills of southern Ohio, and is beautiful for situation. The altitude of the College hill is about 1,000 feet above sea level. It is an ideal college town, supporting four churches, and has never had a saloon. The healthfulness of the place, the moral and religious character of its people, together with its freedom from temptation make it an idear place for a college student. The college town has taken on new life in recent years paving streets, installing electric light plant and water works. The life of the village centers about the college. The patriotism and loyalty of the people may be judged from the fact that during the Civil War almost every home had a representative in the field, and from the further fact that no citizen born in the township has ever been arrested for crime. About 400 Alumni, former students and students of Muskingum College were in the world war.

MATERIAL EQUIPMENT

Main Building

The present Main College Building was erected in 1899. The length is one hundred and twenty-four feet, the depth sixty feet. The building is three stories in height, and is of red pressed brick. The first floor contains the Chemical and Biological Laboratories with storage and recitation rooms.

Year by year the Chemical Laboratories are being better equipped for high grade college work in General, Analytical, Organic, and Physical Chemistry. The General Chemistry rooms contain equipment for ninety-six students, each with his individual drawer locker and set of reagent bottles, water and gas. Nearby is the Analysis room equipped with lockers, hoods, water and gas supply for twenty-four students. Another room is used for Domestic Chemistry and Balance room. From two large store rooms supplies of reagents, glassware, and apparati are issued to each student. Recitation rooms are sufficiently near to facilitate the best connection between Laboratory and Recitation.

From racks of topographic maps and folios in connection with the literature and field work the student finds plenty of material for a full year's work in Geology.

The Biological Laboratory is large and roomy, well lighted, ventilated and furnished. There are eighteen high grade, compound microscopes, a good collection of microscopic slides, specimens, skeletons, and other needed apparatus for the best teaching of the various subjects. A new autoclave has been purchased; also a store room has been furnished and a large number of locker drawers for the use of the laboratory students.

There is a high grade reflectoscope for both slides and opaque objects, with microscope attachment, for the department of Biology and Physics.

The main floor contains a Chapel, which has a seating capacity, including the rooms to the rear, of five hundred. A two manual pipe organ is used for practice purposes and recitals.

Two large recitation rooms, together with the College Office, halls, and three cloak rooms on this floor. The east portion of the main floor is devoted to the Reading Room and Library

The third floor is occupied by recitation rooms and the Literary Societies. The society halls are well furnished, and form attractive meeting places.

Recitation Hall

This building was erected in 1873 and for many years was used as the main college building. It has been remodeled and now contains seven large recitation rooms, furnished with university chairs, maps, charts, etc. In this building are the lavatories and a nicely furnished ladies' rest room. The first floor contains also the Physical Laboratory. It is well lighted and arranged for the work. It is equipped with tables and apparatus for individual work by the students. There is also a large demonstration table for the convenience of the instructor. The laboratory is equipped with water, electricity—both alternating and direct current—distilled water, steam, etc. There is a complete line of apparatus in sets for use by the students in both the Academy and College Physics courses. Apparatus and equipment is also provided for the lecture demonstration work in Mechanics, Molecular Physics, Heat, Magnetism, Electricity, Sound and Light.

Alumni Gymnasium

This Gymnasium was erected in 1900 at a cost of $7,000. It is a substantial brick structure and has its own heating plant in the basement. The first floor contains the Physical Director's room, dressing and locker rooms, with toilet and shower baths, supplied with hot and cold water, and the exercise room and basket ball floor. It is equipped with apparatus necessary for the best development of the physical man. On the second floor are the galleries, dressing room and lavatory, with shower baths. This Gymnasium is for the exclusive use of the young women.

President's Manse

In 1906 an elegant manse for the president was erected on the west campus at a cost of $5,000. It is a twelve room house, with all modern conveniences, splendidly adapted to its purpose as a social center for the college, and has one of the most commanding views in southern Ohio. The scenery in every direction is attractive to the eye.

Campus

The original campus consisted of but one acre. In 1906

ten acres were purchased and in 1909 twelve acres more. In 1914 thirty-three acres were added including a valley with shaded nooks and flowing stream. In 1919 an additional purchase of nineteen acres was made including a splendid grove of five acres and ground for additional athletic fields. This gives the college a splendid campus of seventy-five acres with such location and contours as make it one of the most attractive sites for college buildings in the state.

Athletic Field

The College has owned for a number of years in addition to the above campus a splendid athletic field with diamond, gridiron, etc. An additional gridiron has been graded with running track on part of the new campus. The recently acquired campus will provide another diamond and gridiron. Splendid tennis courts, and a lake, 1000 feet in length and from 150 to 300 feet in width, furnishing excellent boating, bathing and skating, add to the attractiveness of the campus and the athleic life of the institution.

New Buildings

The rapid growth of the institution in the past few years and the consequent crowded condition of the present buildings made expansion necessary. The location of the new group of buildings is on the hill west of the old group and is most beautiful for situation. The plan shows eight buildings besides the central heating and lighting plant. These are the auditorium, the main college building, the library, two science halls, a gymnasium, and two dormitories. The auditorium and the central heating plant have been erected and furnished at a cost of $73,000. The Administration Building is now under construction.

Auditorium

The new auditorium was erected during the year 1912. The building is 150 feet in length and 60 feet in width. Its architecture is of the English cathedral type. The main floor has a seating capacity of 600 for daily chapel use, and with the balcony and the Y. M. C. A. room, will accommodate 1000 people. A Moller pipe organ, purchased by the students in attendance during the years 1911-1913 at a cost of $3,500, has been installed.

The Y. M. C. A. has its home on the main floor of this building in a well appointed room. The Y. W. C. A. is located

on the basement floor, their room forming a parlor for the large social and banquet hall adjoining, which will accommodate five hundred people. Here all the social functions of the college are held. On this floor are also the cloak rooms and the kitchen wtih serving room. The Department of Home Economics is also located on this floor. The auditorium was erected at a cost of $45,000, including furnishings.

Heating and Lighting

This building has been erected for the purpose of taking care of the present buildings as well as those of the new group. The building is 56 by 68 feet. It is erected of dark Ironspot brick in harmony with the auditorium and with the future buildings to be erected. The interior is of gray brick. The stack is 130 feet in height and is also built of Ironspot brick. The boiler room provides for four boilers with capacity of 160 h. p. each. They are of the fire tube return type. The vacuum heating system is used. Provision is made for the storage of eight hundred tons of coal.

There is a commodious engine room with two direct connected generating units consisting of one 75 horse power engine and 50 KVA generator and one 125 horse power engine with 90 KVA generator. Light and power for all buildings, motors and laboratories are furnished from this central plant. Power feed and vacuum pumps, together with feed water heaters are also in this room. Steam is conducted to the different buildings through underground conduits. The auditorium is provided with direct radiation and ventilated by thermostatic control operated by an electric fan which makes it possible to change the air in the building in three minutes. The original cost of the plant was $38,000 and additions and changes have involved the investment of $15,000 more.

Conservatory Building

A year ago a ten room brick house on Main and Depot Streets was purchased and has been entirely overhauled and turned into a Conservatory of Music. There is an office and mucic library room, a general class-room three teaching studios and five practice-rooms. Two grand pianos and six new Brinkerhof pianos constitute the equipment of this building.

The Harper Museum

Little has been done in recent years to add to the College Museum on account of the crowded conditions which made it impossible to give any room to this department. During the past year the old Harper House, which was donated to the college a few years ago by Mrs. Florence Shaw Lorimer, has been restored and the room in which the late President William Rainey Harper was born together with the adjoining room has been turned into a College Museum. Contributions to the Museum are earnestly solicited from the Alumni students and friends of the college. In recent years valuable donations have been made by Miss Josephine Martin of Sialkot, India, Dr. J. H. Martin of Zaferwall, India, and the late Dr. J. O. Ashenhurst, formerly of Egypt. Returning soldiers from overseas together with influential Alumni, some of whom have obtained distinction as archeologists, and Egyptologists should be able to add many interesting and valuable specimens to the Muesuem.

The Administration Building

The contract for this building was let last November and it is now well under way. It is to be ready for use October first 1920. The contract price, not including furnishing, is $186,000.

The building is one-hundred and ninety feet in length by an extreme width at the ends of eighty-six feet. The building has twelve executive offices with fire proof vaults. There are eighteen recitation and lecture rooms, each with private office. There is a Young Women's rest room and four Literary Society Halls. There are locker and toilet rooms in the basement.

The architecture is attractive and when completed it will be one of the best appointed Administration Buildings in Ohio.

The Barracks-Gymnasium

This building was erected for the S. A. T. C. It is sixty feet in width by ninety-five feet in length. The upper floor is in one large room, an ideal basketball and gym floor. It has a seating capacity of eight hundred, the entire floor being in plain view from each seat. There are ample dressing rooms, shower baths, etc. The kitchen and mess hall have been kept intact and constitute splendid quarters for serving refreshments.

The Girls' Dormitory

Plans have been accepted for a Girls Dormitory. Grading for this building has already begun and it is the hope of the Management to have it ready for use by the opening of the second semester, February 1921. It will house one hundred girls and is to cost $150,000.

The Library

The college library occupies the east room of the main building. It contains about 7,600 bound volumes, some of which are bound periodicals, and encyclopedias of history, agriculture, education, literature and music. There are also a number of books on Biblical and missionary subjects. More than ninety periodicals and newspapers furnish an abundance of current literature.

The library is open to all students who will comply with library rules, both as a reference and as a circulating library.

The hours on school days are from 8:00 to 11:00 A. M., 12:30 to 5:00 P. M., and 6:30 to 9:00 in the evenings, except Friday evenings, and on Saturdays from 9:00 to 11:30 A. M. and 12:30 to 4:00 P. M.

The librarian in charge will be glad to show new students over the library and help all students look up material for debates, themes, and class room work.

Lecture Course

The College maintains a high grade Lecture Course each year. Students are thus enabled to hear the really great lecturers of the country, and the leading musicians and readers. Besides this course, the Conservatory and School of Expression bring some of the leading artists for special recitals.

Physical Culture

It is a recognized fact that physical training, under competent supervision, is essential to sound scholarship. For this reason a progressive course in systematic and rational physical training is given, covering a minimum of two hours per week in the Freshman and Sophomore years.

This work is carried on under competent directors. It is the

purpose of the management to secure the services of a College Physician for next year who will make physicial examination of each student upon entering college in order that expert advice and assistance may be given in acquiring and maintaining a healthy body.

The gymnasium work is open to the Junior and Seniors of the college and may be required of the Junior and Senior Academy students.

GOVERNMENT

There are no traditions so persistent as those of a College campus. These inherent ideals of college life, the campus "atmosphere," act with almost irrestible force on all newcomers who are exposed to their influence at a peculiarly susceptible age. The chief treasure of Muskingum, more valuable than rich endowments or costly buildings, is the character of her student body and the traditions of honor, morality, and religion which prevade the life of her campus.

The aim is to govern as little as possible, yet as much as is needed. The students are taught, encouraged and assisted in self-government. Discipline always looks toward the strengthening of the students self respect and sense of personal responsibility. The cases where the method fails are rare.

Whenever a student is known to be unfit to remain in college he will be dismised.

The statutes of the Board expressly forbid profanity, card playing, and the use of intoxicating liquors. The use of tobacco has long been forbidden on the college premises, and has been discouraged and disapproved everywhere. No student using cigarettes will be permitted to continue in college.

SABBATH AND CHAPEL SERVICE

Once a month the President preaches to the student body in the College Chapel. Attendance upon this service and also upon the daily chapel exercises is required of every student. Five unexcused chapel cuts result in the loss of one college credit. Absence from monthly chapel counts as four chapel cuts. The students are also required regularly to attend the services of the church of their choice upon the Sabbath. The institution is pervaded by a religious atmosphere and very few of the students re-

main outside of church membership.

The aim of Muskingum College is to make men, and its ideal man is one who posesses not only a thoroughly trained mind, and supple and vigorous body, but also a spiritual vision, a trained conscience, and a disciplined will.

ROOM AND BOARD

Students room in private homes and for the most part board in clubs. It is usually best to defer the choice of room until personal selection can be made. A list of available rooms, with prices is posted in the College office. A large committee of the Young Men's and Young Women's Christian Association looks after the welfare of the new students, and assists them in securing rooms, boarding clubs etc. Special attention is given to the young ladies in order that they may have the special care and oversight of ladies who will make their surroundings homelike. A Dean of Women is charged with their oversight.

CONTEST PRIZES

Friends of the College have made provision for the following prizes in Oratory, Debate. Bible Reading and Declamation:

I. *The Brown Prizes*—For several years the late Mr. J. M. Brown of Wheeling, W. Va., a member of the Board of Trustees, and a staunch friend of the college, has given $60.00 in prizes for efficiency in oratory. In his will he made provision for the permanent support of these prizes. There are four prizes, two each for ladies and gentlemen, $20.00 and $10.00 respectively.

II. *The Weaver Bible Prizes*—Mr. J. Riddle Weaver of Cannonsburg, Pa., has endowed the Bible Reading Prizes in memory of his wife, Mrs. Myra Law Weaver, and his daughter, Miss Mysie Giffin Weaver. The object of these prizes is to encourage students to cultivate the ability to read effectively the Word of God. The contest is held in April each year. The prizes are three, $7.00, $5.00, $3.00.

III. *The Weaver Declamation Prizes*—Mr. Weaver has also endowed in memory of his wife and daughter the Declamation Contest which is held each year during the month of May. The prizes are $7.00, $5.00, $3.00. Through this endowment Mr. Weaver has set a worthy example for others to follow and has enshrined in the grateful memory of multitudes his sainted dead.

IV. *The Lewis G. Coffey Essay Contest Prizes*—These prizes are made possible through the generosity of Mr. Sylvester C. Britton, Boys' Secretary, Central Y. M. C. A., St. Louis, Mo.

These generous friends of the College and of Christian education are doing more than they realize, as they in this way are helping to stimulate young men and women to their best efforts.

STUDENT AID

ENDOWED SCHOLARSHIPS

Hon. William Jennings Bryan has established a Loan Scholarship in Muskingum College from the Philo Sherman Bennett Fund, of which he is a trustee. This scholarship is loaned annually without interest, to worthy, poor young men for a term of years. As the loans are paid they are added to the principal of the Scholarship.

ROTARY SCHOLARSHIPS

The College would earnestly commend to the friends of education its Rotary Scholarship plan for the aiding of worthy young men and women in straightened circumstances who are seeking to secure an education.

Briefly outlined the plan is as follows: Individuals or congregations will be given a scholarship on the payment of $50.00 a year for five years, to the Treasurer of the college, Prof. L. J. Graham, New Concord, Ohio. The donor, or if a congregation, the session, will have the privilege of choosing some poor but deserving young man or woman who could not otherwise attend college who will be designated as the beneficiary of this scholarship. The one consideration in the choice of the beneficiary that will be insisted upon by the College is that he must be unable to attend college without this help and must give evidence of being worthy of such aid. If there should be a number of such young people in a congregation owning a scholarship, the session may make shoice by competetive examination, questions for which will be furnished by the faculty. Should the individual donor or the session of the congregation have no person available, the faculty will designate a beneficiary from the numerous applicants which are yearly before them. Full information regarding such scholarships will be furnished on application.

The First U. P. Church, Wheeling, W. Va., has the honor

of having established the first of these scholarships. Mrs. Fred Sebring and two daughters have established four scholarships.

A warm friend and supporter of the College furnishes ten of these scholarships each year for worthy young men in need of help who are studying for the ministry, and for young women preparing for the mission field.

In no more practical way can individuals or congregations aid worthy young men and women to secure an education than by establishing one or more of these Rotary Scholarships.

BUREAU OF SELF-HELP

A bureau of self-help has been established for the purpose of assisting young men and women who are working their way. Through this agency a limited number of young people are enabled to do something toward making their own way in college. This work is in the hands of a committee of the Y. M. C. A.

STUDENT ORGANIZATION

HONOR SYSTEM

Some years ago the student body took the initiative in the matter of the honor system in examinations. Their action was approved by the faculty, and all written work in the class room, as well as the regular examinations, is conducted under this system. Each student writes and signs the following pledge upon his paper before handing it in:

I pledge my honor that I have neither received nor given aid during this examination.

A student council consisting of representatives from the different clases is organized, to which any violation of honor is to be reported for their action, subject to the approval of the Faculty.

RELIGIOUS ORGANIZATIONS

Various organizations for the promotion of general religious culture and activity and for the increase of missionary intelligence and zeal are open to all the students. The Young Men's Christian Association and the Young Women's Association hold meetings every week for conference and prayer. Under their direction voluntary classes are formed for Bible and Mission study and methods of work. A volunteer Mission Band holds regular meetings for the purpose of developing the missionary spirit among the students.

Gospel teams are sent out by the young men of the Christian Associations from time to time during the year and do efficient work in school houses, rural villages, and nearby cities.

LITERARY SOCIETIES

Excellent opportunities for literary improvement and parlimentary training are afforded by the societies of the College. There are four—theAretean and Erodelphian, sustained, by the young women, the Union Literary and the Philomathean, sustained by the young men. These societies do excellent work, a work justly regarded on all hands as of great importance. Every student is expected to join one of these. The work of the literary societies is under the direction of the professor of Oratory.

INTER-SOCIETY CONTEST

One of the most interesting events of the college year is the annual contest between the Philo and Union Literary Societies. The classes represented are Debate, Declamation, Extempore Speaking, and Essay.

ORATORICAL ASSOCIATION

Muskingum College is a member of the Inter-State Oratorical Association and of the Tri-State Inter-Collegiate Association. Through these associations she contests with the leading educational institutions of thirteen states. This year Muskingum's orator won first place in the Ohio state oratorical contest and also in the eastern division of the Inter-state contest winning over six other states. In the final Inter-state contest, the foremost National oratorical contest of America, Muskingum made second place thereby defeating the strongest college orators of eleven states.

The local association is organized for the purpose of promoting Oratory and Argumentation and has charge of the preliminary contest for the choice of representatives in the Inter-Collegiate meets.

INTER-COLLEGIATE DEBATES

Muskingum College is attaining high rank among the colleges of Ohio in Argumentation. During the past ten years thirty-one Inter-Collegiate debates have been won by Muskingum.

TAU KAPPA ALPHA

Muskingum College was honored during the year 1911 by having established the first sub-chapter in Ohio of Tau Kappa Alpha, the National Fraternity of Honor Men in Oratory and Debate. The membership in the local chapter will be limited to those winning first honors in Inter-Collegiate contests. This is the highest honor given in Oratory and Debate in Muskingum. The gold key of the fraternity has a national significance and the fraternity numbers among its members such men as W. J. Bryan, Senator Beveridge, Governor Buchtel, and others.

In order to be eligible for election to this organization a student must participate as a speaker in at least two years of Inter-Collegiate Debating, or serve as alternate at least for two years and one year as speaker, or participate in Inter-Collegiate oratory for one year with exceptionally high rank during Junior or Senior years; or serve acceptably two years in Inter-Collegiate

oratory; or take part in Inter-Collegiate oratory one year and in Inter-Collegiate debate as speaker for one year (or as alternate for two years). These eligibility rules may be modified in exceptional cases only by a unanimous vote of the active members of the fraternity.

This fraternity is purely honorary and has nothing at all in common with college secret fraternities.

PUBLICATIONS

The Muskingum College Bulletin is published bi-monthly during the year and furnishes much interesting and useful information relative to the college and its work. As many as twenty thousand copies of some issues are mailed to a select list. The June number each year is the catalog edition.

The Black and Magenta is published under the auspices of the faculty and students. In May, 1914, the publication was changed from a monthly to a weekly paper, and thirty-three issues are published annually. This publication furnishes the students a splendid opportunity for cultivating a literary taste, and gives them practice in news gathering, editing, proof reading, advertising, and other features of newspaper work. The subscription price of the weekly publication is $1.25.

The College Annual, *THE MUSCOLJUAN,* is published by the Junior Class in May each year. *The Muscoljuan* is a well-bound volume containing about 200 pages of reading matter and cuts of the different classes and organizations.

ATHLETICS

The Great War demonstrated the success of College Athletics in training men who effectively coordinate mind and body and who are able in crucial moments to utilize all their powers to the best advantage. Strong intercollegiate schedules are played and an increasing place is given to games among the students who may not be able to take part in contests with other institutions. Credit for football as required Physical Training is given to those who participate in the daily practice and drill in the rudiments of the game. This credit requires an examination on the rules and fundamentals of the game. Besides football,

the College has teams in Basket Ball and Base Ball, Tennis and Track. The athletics are governed by a student athletic association and a committee of the faculty. Each team has its separate student manager. An athletic fee is collected from each student. This admits him to regular gymnasium classes, the use of gymnasium for games, baths, and floor work at such hours and under such conditions as may be prescribed by the director and entitles him to the equipment that is furnished by the College when he becomes a representative of the College team. Participants in various field games must have a passing grade in all their studies and carry at least twelve hours work.

COLLEGE EXPENSES

TUITION AND FEES

Tuition, per semester of 18 weeks.....$37.50

The above amount is charged when the student takes at least twelve and no more than sixteen hours of work per week. Schedules for less than twelve hours are prorated.

Tuition, in excess of 16 hours, for each added hour.....$2.00
Incidental, Library, and Athletic Fee, per semester..... 6.00
Graduation Fee, payable with tuition, second semester of senior year 5.00

Fees for College Courses

Agriculture $1.00
Deposit for course in Agriculture 1.00
Bacteriology 2.00
Breakage deposit for Bacteriology course..... 1.00
Biology, course 1-7, per semester..... 2.00
Breakage deposit for Biology course, per year..... 1.00
Chemistry, courses 11-12 or 13, per semester..... 5.00
Chemistry, courses 14-16,, 17 18, 19, 20, 21, per sem.... 6.00
*Breakage and supply ticket in Chemistry for year..... 5.00
Home Economics, courses 5 and 6, per semester..... 5.00
Home Economics, courses 7 and 8, per semester..... 3.00
Physics, courses 1 and 2, per semester..... 2.50

*Each student in Chemistry is required to buy at the Treasurer's office a breakage ticket from which deductions for breakage and non-returnable supplies will be made. At the end of the course the ticket may be redeemed at the office for the amount paid less the deductions. This ticket is bought only at the beginning of the first semester unless exhausted before the end of the year.

The rules of the Board require that no student shall be enrolled until his tuition and fees for the semester are paid.

No student will be registered for less than twelve hours work without the written permission of his parents.

No student will be received ordinarily for less than half a semester nor will any student ever be excused, for any reason whatever, from paying one-half of the tuition of any semester in which he is enrolled.

When absence is caused by protracted illness, or anything

else purely providential, a proper reduction will be made, unless the student retains his standing in class. In such case no reduction will be made for any reason.

Children of ministers of any denomination are required to pay but half the tuition in the Academy and College Courses. No reduction is made for them in the Summer School, Speccial Departments, or College Fees.

Students enrolled in the Conservatory of Music, School of Expression, or School of Art, for two private lessons or more, will be allowed to take one College study without extra tuition. Tuition schedules will be found under these headings.

The incidental, Library, and Athletic Fee entitles the student to the privliges of the library and gymnasium, tickets to the College Lecture Course, and to all athletic games and oratorical contests and to the College Paper. No student enrolled in any department is exempt from this fee.

ESTIMATED NECESSARY EXPENSES

Tuition and I. L. A. fee for the year—36 weeks	$ 87.00	
Furnished room with heat and light	$ 45.00 to	$ 54.00
Boarding	140.00 to	175.00
Books	15.00 to	25.00
Total	$287.00	$341.00

TO PARENTS

College fees for each semester are payable on entrance. Should this be impracticable, parents should write to the Treasurer, Prof. L. J. Graham, or the President, concerning special arrangements. It is better that money intended for college fees should be brought by the student in check or draft payable to the Treasurer of Muskingum College, which the student should carry to the Treasurer as soon as possible. Parents should not allow their sons to buy on credit, nor run open accounts at stores, nor borrow money from their fellow students.

For many reasons the President should be notified beforehand of the intended matriculation of new students. Not only the President but each of the professors, will do all in his power to assist new students in finding desirable and congenial roommates, and a new student should feel no hesitation whatever in asking such advice and assistance.

ENTRANCE REQUIREMENTS

ADMISSION TO FRESHMAN STANDING

The usual method of admission is by certificate. Proper certification merely admits a student without examination. But continuance in any course is based on fitness. Any student failing upon trial to meet the requirements of a course will be remanded to such course as he may be fitted for and required to make up his deficiencies without credit. He will retain, however, the credit given him by his original certificate.

For full Freshman Standing fifteen units of recognized preparatory work must be presented.

The candidate should present entrance units distributed as follows: English 3, Mathematics 3, Foreign Language 4. History 1, Science 1, Electives 3.

When the fifteen units presented do not include all the studies required as preparatory work, such studies may be taken in the Academy as electives for college credit at the rate of three semester hours credit for each half unit of preparatory work.

Those entering from recognized high schools must present certificates from the high school authorities, showing in detail the work offered as entrance requirements. For this purpose, the registrar will provide a blank on application. The complete record of all high school work should be sent in advance of the coming of the student so that the credits may be examined and the candidate thus given prompt classification and proper registration.

Applicants coming from other institutions should bring a certificate of standing and honorable dismissal.

Graduates from the Academy pass without examination to the corresponding course of the Freshman class in College.

Students who are not candidates for a degree may be admitted to the College, provided they give satisfactory evidence to the faculty of ability to pursue profitably the studies elected.

ADMISSION TO ADVANCED STANDING

Students who present letters of honorable dismissal from other colleges of recognized rank may be admitted to advanced standing subject to proper adjustment. Every such applicant is

required to present, along with the catalog of the institution in which he has studied, a detailed statement, duly certified, of all the studies he has completed, including the entrance studies for which he has credit.

SPECIAL COLLEGE STUDENTS

The effort is to have each student in the College become a candidate for some degree and take a regular course. For various reasons some students may be unable to take the full College course. These are enrolled as Special College Students. To this list are eligible those who, in addition to their work in the Conservatory, School of Expression, or School of Art, desire to carry some college work; also those who are pursuing special studies.

BACCALAUREATE DEGREE

The Baccalaureate Degree confered is Bachelor of Arts (B. A.) Bachelor of Science (B. S.) or Bachelor of Science in Education (B. S. in Ed.) may be substituted for the Bachelor of Arts degree at the request of the student provided he fulfiills the academic requirements for the degree he elects. This request must be made not later than the middle of the Senior year.

The degree is granted to those who have met the requirements for admission and have fulfilled those required for the degree. No second baccalaureate degree will be granted without an additional year of residence study.

REQUIREMENTS FOR BACCALAUREATE DEGREE

Groupe Distribution

The subjects offered in the College are classified in four general groups:

GROUP I.

English.	Greek.
French.	Latin.
German.	Spanish.

Group II.

Ecnomics and Sociology.	Political Science and History.
Education.	Oratory.
English Bible.	Philosophy.

Group III.

Biology.	Home Economics.
Chemistry.	Mathematics and Astronomy.
Geology.	Physics.

GroupIV.

Music.	Physical Education.

For further description of the Courses of Study, see the statements of the several departments.

CREDIT HOURS

The credit assigned to a course is expressed in hours, an hour of credit being given for the satisfactory completion of work requiring one class exercise a week for one semester, or an equivalent. Thus a student taking sixteen hours a week of college work throughout a semester receives sixteen hours of credit.

REQUIREMENTS FOR GRADUATION

The requirement for graduation is one hundred and twenty (120) hours of college work (which is the equivalent of fifteen class exercises a week for four years), and must include the specific subjects prescribed for the degree under a major and minor system, as outlined below. Beginning with the class of 1921, not over forty (40) hours of grade D will be accepted for graduation. At least the Senior year must be spent in residence. Each graduate is further required to present a thesis as described under the plan for majors and minors.

CLASSIFICATION

The class to which the student is assigned depends upon the number of hours of credit as shown on the books of the Registrar at the opening of the college year. Those meeting the Requirements for Admission are classified as Freshmen. The requirements in hours of credit for the other classes are as follows:

Class	Minimum	Full
Sophomore	23	30
Junior	53	60
Senior	83	90
Graduation	..	120

No student may change his course of study without the permission of the Committee on Classification.

AMOUNT OF WORK

The regular work required of each student amounts to fifteen hours of recitation each week, exclusive of physical education. No student in the College of Liberal Arts may register for more than sixteen credit hours of work unless he receives a grade of A in one-half of the work of the preceding semester, and no grade lower than C in the remainder. By an hour is meant one recitation a week throughout the semester; three hours of labortory work a week may be required for one credit. In general, a student may expect to spend three hours of time (including the class hour) for one hour of credit.

PRESCRIBED COURSES

In order to secure to the student breadth of culture and to insure his acquaintance with the main divisions of modern schol-

arship, certain general lines of study are prescribed in the several Groups.

Group I.

English ..... 6 hours
Foreign Language (2 years) . . 12 or 16 hours

Total..... 18 or 22 hours

1. No credit will be given for less than one year of beginning language.

2. Candidates for degree must present a minimum of two full years (12 or 16 hours) of credit in foreign language.

3. If candidates for the Baccalaureate degree, who specialize in Science to the amount of forty-six (46) hours in Sciences and six (6) hours Mathematics and who also fulfill the thirty (30) hours professional educational requirement, present two years of modern language at entrance, such candidates must take one additional year of the same modern language of at least sophomore grade in college.

Group II.

English Bible ..... 4 hours
Philosophy ..... 6 hours
Social Science, History, Oratory... 9 hours

Total..... 19 hours

1. In Social Science (Political Science, Economics, Sociology), History, and Oratory, each student must take nine hours, not over six of which may be in any one of these departments.

Group III.

1. Candidates for the degree of Bachelor of Arts must present six hours of Science or Mathematics.

Group IV.

1. All Freshmen and Sophomores are required to take two hours a week of Physical Education. This work will be entered as credit to the student upon the books of the Registrar, but will not be counted as credit toward a degree.

SPECIALIAZITION REQUIREMENTS

Major ..... 18 hours
Minor ..... 10 hours
Thesis ..... 1 hour

MAJORS AND MINORS

1. At the close of the Sophomore year, each student will select a department in which he wishes to do his "Major" work.

2. The student in conference with the head of the department in which the Major work is being done, will select a "Minor" course, subject to the approval of the professor in charge of the Major department.

3. A Major consists of 18 hours; a Minor, 10 hours. All departments will recognize Majors and Minors as indicated above, but may advise an increased number of hours especially for the Major. Major work is usually all in one department, but in the case of several of the closely allied departments, part of the work may be in an allied subject according to the plan of the departments involved.

4. The Major requirement is in addition to the Prescribed Courses (47 hours) listed above.

THESIS

1. Candidates for the Baccalaureate degree will prepare a thesis in the Senior year, usually under the direction of the department in which the candidate has done his Major work. The thesis may be prepared under the supervision of another department, but only by permission of the faculty.

2. If the thesis satisfies the requirements of the department under whose supervision it is prepared, one semester hour of credit will be given. This is a requirement for graduation.

ELECTIVE COURSES

To complete the one hundred and twenty hours, the student may choose any elective for which he is able to furnish the necessary prerequisites, except Football, Band, and Chorus, which may be entered as credit to the student upon the books of the Registrar but will not be counted as credit toward a degree

SUMMARY OF REQUIRED WORK FOR GRADUATION

Physical Education	two years
English	6 hours
Foreign Language (2 years)	12 to 16 hours
Bible	4 hours
Science or Mathematics	6 hours
Philosophy	6 hours
Social Science, History and Oratory	9 hours
Prescribed Work	47 hours
Major (in addition to above)	18 hours
Minor (not exclusive of above)	10 hours
Thesis (in addition to above)	1 hour

REQUIREMENTS ARRANGED BY YEARS

The table of prescribed courses is shown below arranged by years. These courses should be taken in the years indicated, as this is not only the logical order, but will prevent the occurrence of many unforseen conflicts of schedule. Moreover, early completion of the prescribed courses gives the student larger freedom for elective studies in the later years, when reasons for choice are likely to be more clear. If a student is not prepared to do the college work in the department specified, he should begin at once to do the prerequisite work in the Academy. When a student has elected a double-semester course, he may not change this course at the beginning of the second semester without the consent of the department concerned. The student is advised, in electing a single semester course for the first semester, to plan for the balancing course in the second semester.

FOR THE B. A DEGREE

Freshman Year

Foreign Language ..... 3 or 4 hours
English, 1-2 ..... 2 hours
Physical Education ..... Required
Elective .....3 courses

1. The student must take four hours of Bible before the end of the Sophomore year, in the Freshman year if possible.

2. The student may take one course in Mathematics (1-2), or Science (Biology 1-2, Chemistry 11-12 or 13-14, Physics 3-4)

3. The student must elect the remainder of his work from History, Social Science, or Oratory.

Sophomore Year

Foreign Language .....3 or 4 hours
Physical Education ..... Required
Elective ..... 4 courses

1 The student must complete the English requirement.

2. The student must have had four hours of Bible by the end of the Sophomore year.

3. The student is advised to take General Psychology (1), if there is a probability of his desiring the thirty hours of educational work, because this course is prerequisite to all other work in Education.

4. The student who has not completed the requirement in Mathematics or Science should complete that work during this year.

5. The student must elect the remainder of his work from History, Social Science, or Oratory, remembering to fulfill the conditions under group II, paragraph 2 above.

Junior and Senior Years

By the beginning of the Junior year all required courses, except (Philosophy) and Thesis, should have been completed. The Junior and Senior years will thus be almost entirely elective, the courses chosen being determined only by prerequisites.

The special attention of those interested in teaching is called to the work in Education, for all of which the General Psychology (1) of the Sophomore year is prerequisite. Students who intend to take thirty hours of Education must take the subjects as they come in the Junior and Senior years. Such students are further advised to note carefully the special requirements for those who may be recommended as teachers.

COURSES OPEN TO FRESHMEN

Art, 1-2.
Bible, 1-2.
Biology, 1-2.
Chemistry, 11-12 or 13.
Education, 13, 14, 15, 17, 18, 19, 20, 21, 22.
English, 1-2.
French, 1-2.
Geology, 3-4.
German, 1-2.
Greek, 1-2.
History, 1-2, 11-12.
Home Economics, 1-2.
Latin, 1-2.
Music (Vocal and Instrumental.)
Mathematics, 1-2.
Public Speaking, 1-2.
Physical Education, 1-2.

REGISTRATION AND ENROLLMENT IN CLASSES

At the opening of each semester the name and courses to be taken by each student are enrolled by faculty committees. Courses should be carefully mapped out so that no changes will be necessary.

The registration must be attended to not later than the opening day of each semester, and failure to comply with this requirement will debar the student from reciting in any class. No student will be enrolled in any class until his bills have been paid.

His registration card must be signed by the President and the Treasurer as evidence of this. For each registration after the first day of each semester an extra fee of one dollar will be required.

Registration for the second semester will be on such days before the close of the preceding semester as are designated by the faculty. Students failing to register at the appointed time will be required to pay a fee of one dollar.

HOW TO DROP A COURSE

Regular procedure in dropping a course shall be:

1. By the consent of the Dean and written recommendation of the professor whose course is to be discontinued. The student must confer with the professor and if he can give satisfactory reason, secure from him his class card autographically endorsed.

(2) By filing of this card with the registrar and the payment of a fee of one dollar for change of registration.

Taking up a new course in lieu of the one discontinued shall be by consent of the professor in charge; the consent to be in writing, obtained by the student and presented to the registrar.

COURSES DROPPED IRREGULARLY

Courses for which the student has been officially enrolled and from which he has not regularly withdrawn a week from registration shall be recorded as "incomplete." This mark is not permanent but becomes either:

(1) "Failure" by automatic process, if not changed as provided in (2) or (3).

(2) A regular grade denoting credit if the work be completed within the time limit set by the professor in charge.

(3) A blank, on faculty action.

ATTENDANCE

The fallacy of thinking that no harm is done by entering a few days late, has in innumerable instances proved fatal to a student's success. Absence from class entails intellectual loss that can only be made up by special work. Punctual attendance is expected on the opening day of each semester. Unless satisfactory excuse be offered for these absences, they will count against the student the same as other unexcused absences.

Any student having five unexcused absences during a semester in any one college subject shall receive one hour less credit

than is regularly given for that subject, and in addition his term grade shall be discounted two per cent. for each absence. This reduction is made by the instructor.

EXAMINATIONS

Examinations are held at the close of each semester. Any student whose class grade falls below 70 in any subject will be required to take a special review in that branch before being admitted to final examination. No student who omits a required examination in any branch at the appointed time will receive a grade in the study or be regarded as having completed it until the examination is taken. In any such case the student must present his reason for absence unless he has obtained previous permission to postpone his examination. If the reasons are satisfactory, written permission will be given to have a special examination. This permission, together with the receipt of the Treasurer for a fee of one dollar, must be presented to the professor, and the examination will be given. Where absence at the time of the class examination is caused by sickness, no fee will be charged.

As soon as possible after the close of each semester, a report of grades of each student in all studies will be sent to the parent or to the guardian, to whose careful consideration all reports are earnestly recommended. It is requested that the Registrar be promptly notified of any failure to receive such reports. In these reports, A represents a grade from 96 to 100; B, from 90 to 95; C, from 80 to 89,; D, from 70 to 79; E, conditional; F, failure; I, incomplete.

HONORS IN SCHOLARSHIP

Honors in scholarship are recorded on the diplomas of the students winning them, and published on the commencement program.

Two classes of honors designated respectively as honor, *cum laude,* and high honor, *magna cum laude,* are conferred at graduation upon students who satisfy the following conditions of scholarship:

Honors in general scholarship are awarded those students who have attained a grade of A in 60 hours; a grade of B in 30 hours, and have no lower grade than C in the total required for graduation. Upper classmen from other institutions who attend Muskingum two years are eligible for this honor class.

High honors are awarded those students who have attained a grade of A in 90 hours of the total required for graduation. and no lower grade than B in the remainder.

AFFILIATED COURSES WITH OHIO STATE UNIVERSITY

THE FIVE-YEAR ARTS—AGRICULTURE COURSE

In 1914 the College of Agriculture of Ohio State University and Muskingum College adopted a five-year combined Arts-Agriculture course. At the end of the fourth year in this course, Muskingum College will give the degree of Bachelor of Science; and at the end of the fifth year, Ohio State University will give the degree of Bachelor of Science in Agriculture. The outline of this course as adopted by the two institutions is as follows:

THE THREE YEARS REQUIRED WORK AT MUSKINGUM COLLEGE

Freshman Year

English, 1-2	4 hours
Mathematics, 1 and 2	6 hours
Modern Language	6 or 8 hours
Biology, 1-2	6 hours
History	6 hours

Sophomore Year

English	4, 5 or 6 hours
Chemistry, 11-12 or 13-14	8 hours
Mechanical Drawing, 8-9	6 hours
Economics, 1-2	6 hours
Modern Language or Botany	6 or 8 hours

Senior Year

Physics, 1-2	8 hours
Geology, 3-4	8 hours
Philosophy (including Ethics)	6 hours
Elective	8 hours

If Botany was not taken in the Sophomore year, it must be elected in the Junior year.

The student must take at least 4 hours of Bible before the end of the Junior year

THE TWO YEARS REQUIRED WORK AT OHIO STATE UNIVERSITY—(Quoted from Ohio State Catalogue)

Senior Year

Animal Husbandry ... 4 hours
Agricultural Chemistry ..... 4 hours
Rural Economics .... 4 hours
Farm Crops ..... 4 hours

Choice of any two of these subjects throughout the fourth year, the remaining two the fifth year.

In addition to the two subjects elected, ten hours a semester to be selected with approval of advisor.

Post Senior Year

Two subjects of the four mentioned in the senior year (eight hours a semester) and ten hours throughout the year, from any of the courses related to the previous year's work in the College of Agriculture.

THE FOUR-YEAR COURSES

Four students who do not feel that they can spend five years in securing degrees from both institutions as stated above, arrangements have been made with Ohio State University whereby students in Agriculture or Home Economics may take two years at Muskingum College and complete the course in two years at Ohio State University.

IN AGRICULTURE

A student who has received college credit for the sixty-eight hours work outlined below would be able to complete the work for the degree of Bachelor of Science in Agriculture at the University within two years, as he would have then to complete only sixty-eight semester hours of the more technical work of the course for that degree.

Chemistry, 11-12 or 13-14 ..... 8 hours
Biology, 1-2 ..... 6 hours
English, 1-2 ..... 4 hours
Geology, 3-4 ..... 6 hours
Botany, 5-6 ..... 8 hours
Mathematics and Physics ..... 6 hours
Modern Language ..... 8 hours
American History or Economics ..... 6 hours
Other College Work ..... 16 hours

IN HOME ECONOMICS

In order to complete the required work for the degree of Bachelor of Science in Home Economics within two years at the University, the student should have college credit from Muskingum for at least sixty-eight hours of work, including the following subjects:

Chemistry, 11-12 or 13-14 ..... 8 hours
Organic Chemistry, 22 ..... 4 hours
Biology, 1-2, or Botany, 5-6 ..... 6 or 8 hours
Modern Language (Two Years) .....12 or 16 hours
Phychology, 3-4 ..... 6 hours
Economics, 1-2 ..... 6 hours
English 1-2 ..... 4 hours
Other College Work .....13 or 15 hours

The Four years Required Work at Ohio State University—(Quoted from Ohio State Catalogue.)

Degree—Bachelor of Science in Education

First Year

First Semester		Second Semester	
Chemistry (105 or 109)	4	Chemistry (106 or 110)	4
Art (119)	1	English (104)	2
English (101)	2	Zoology (102)	3
Biology	3	French or German	4
French or German	4	Home Economics (112)	2
Home Economics (111)	2	Physical Training	1
Physical Training	1		

Second Year

Chemistry (127)	4	Agriculture Chem. (123)	5
Home Economics (101)	5	Home Economics (102)	5
Physiology (101)	3	Physiology (101)	3
French or German	4	French or German	4
Physical Training	1	Physical Training	3

Third Year

Psychology (101) 3	Psychology (102) 3
Economics (135) 3	Economics (136) 3
Bacteriology (107) 4	Home Economics (104) ... 3
Art (131) 2	Home Economics (118) ... 3
History of Education (101) 3	Art (141) 2
	History of Education (102) 3

Fourth Year

Sociology (101) 3	Sociology (102) 3
Principles and Practice of Education (101) 3	Principles and Practice of Education (104) 3
Home Economics (119) ... 3	Home Economics (109) 1
Home Economics (108) 1	School Admin. (102) 3
School Admin. (101) 3	Elective 5
Elective 2	

COURSES OF INSTRUCTION

AGRICULTURE—(See Biology)

ASTRONOMY—(See Mathematics)

DEPARTMENT OF ENGLISH BIBLE

Professor Hugh A. Kelsey

Professor G. B. McCreary

The Bible Department of Muskingum is now thoroughly established, being substantially endowed by the Board of Education of the United Presbyterian Church. Following approved and modern educational methods, its purpose is to systematically open the Word of God to the inquiring student mind. We aim to have the living message of this Living Book so attract the attention and awaken the individual interest that the students taking these courses will acquire personal skill in handling aright the word of truth," and by their own study lay hold of the conviction that the book is of divine origin. The work is conducted both conservatively and constructively.

1. OLD TESTAMENT HISTORY.

Required *First Semester* *2 hours*

A general survey of the History of the Hebrew people with proper recognition of their contribution to the social and political as well as religious life of modern times.

2. THE LIFE OF CHRIST.

Required *Second Semester* *2 hours*

Special emphasis is placed upon the outstanding personality of Jesus. His mission and motive are carefully investigated along with the historical events of His life.

3. OLD TESTAMENT PROPHECY.

Prerequisitet *First Semester* *2 hours*

A course carefully linking the History of the Old Testament with the fulfilment of the New, and at the same time presenting the teaching of prophetic scripture.

4. THE SOCIAL TEACHINGS OF JESUS.
Prerequisite 2 *Second Semester* *2 hours*
The turbulent social conditions of modern times renders this course peculiarly timely.

5. OLD TESTAMENT POETRY.
Prerequisite 1. *First Semester* *2 hours*
The course consists largely of the selections from the Psalms with some material from other poetical sections.

6. WISDOM LITERATURE AND THE BOOK OF JOB.
Prerequisite 1 and 5. *Second Semester* *2 hours*

7. THE PLANTING OF THE CHURCH.
Junior or Senior *Second Semester* *2 hours*
Largely a study in the Acts with proper consideration of the Epistles in tracing the origin and early development of the Christian Church.

8. EPISTOLARY LITERATURE.
Junior or Senior *Second Semester* *2 hours*
Prerequisites 2 and 7 *Not Given in 1920-21.*

11 CHRISTIAN MISSIONS.
General Elective *First Semester* *2 hours*
A study of missionary methods and progress including a survey of modern missionary enterprises.

9. ETHICS OF THE NEW TESTAMENT.
Junior or Senior *First Semester* *2 hours*
Not Given 1920-21.

10. BIBLE SCHOOL PEDAGOGICS.
General Elective *Second Semester* *2 hours*
In this course of the International Bible School Lessons will be studied previous to the date of their general study. Each member of the class is expected to teach a Bible School Class and report on the work done.

12. THE EVIDENCES OF CHRISTIANITY.
Senior *First Semester* *2 hours*
See "Philosophy" course 10 for a description of this course. All freshmen should take courses 1 and 2.

DEPARTMENT OF BIOLOGY

Professor Earle Ruskin Bryant

The courses in Biology are planned with a purpose in view of giving the students not only a knowledge of animal and plant life but also knowledge of the more important laws which control the lives of these organisms. Accuracy in observation, expression and conclusion are matters also included in this purpose. Aside from their value in general education, the courses are all fundamental of the various applied Biologies, such as Agriculture, Domestic Science, and Medicine.

1-2. GENERAL BIOLOGY.

Freshman. *Both Semesters* 3 *hours*

This is a fundamental course for Freshmen, serving to acquaint the student with the fundamental principles of plant and animal life and with methods of laboratory work. It is well fitted, both as training to the student who decides to continue further in Biology, and also to the one who can give time for only a year of college Biology. (Prerequisite to other Biology courses.)

3-4. HUMAN PHYSIOLOGY.

Prerequisite, 1-2 *Both Semesters* 3 *hours*

This is a study of the structure, physiology, and hygiene of the human body. There are two recitations per week and in addition there are two hours of laboratory work designed to give the student first hand knowledge of the gross and microscopic structure of the organs of mammals, the functions of which he is studying.

5-6. BOTANY.

Prerequisite, 1-2 *Both Semesters* 4 *hours*

This course is a study of microorganisms, especially those deeply the study of plant life. Structure and physiology are given about equal place in the course. Also some time will be given to Ecology and to the economic side of Botany. It is a requirement to agriculture courses and helpful in a medical course.

Not offered 1920-21

7. BACTEROLOGY.

Prerequisite, 1-2 *First Semester* 4 *hours*

This course is a study of microorganisms, especially those which are related to human affairs. The work will consist of

recitations from text books and bulletins. There will be laboratory work of practice in present-day methods of culture. Text: Buchanan's "Household Bacteriology."

8-9. THE TEACHING OF BIOLOGY.

For Seniors *Both Semesters* 1 *hour*

A training course for prospective teachers of Biology in secondary schools. The work consists of the study of the pedagogy of Biology teaching, review of high school texts, equipment and supplies, etc. Text: Lloyd and Bigelow. Students desiring the recommendation of the department as high school teachers should take Biology 1-2 and one or more advanced courses.

Obersvation and report and practice teaching will be given in this course as required by Education 11 and 12.

10-11. TEACHERS' AGRICULTURE.

Prerequisite, 1-2 advised *Both Semesters* 3 *hours*

This is intended for teachers taking the course in Education. In addition to a regular course in Agriculture, special attention will be given to methods of presenting the subject. Spraying demonstrations, trips to farms, and indoor experiments will constitute the laboratory work. Text: Water's "Elements of Agriculture," and Experiment Station bulletins.

DEPARTMENT OF CHEMISTRY

Professor Leroy Patton

Acting Professor J. G. Ralston

Assistant, J. Dinsmore Alley

The object of the work of this department is to cultivate the scientific spirit and habit to furnish training in modern methods of pure and applied science, to provide suitable preliminary training for graduate work or preparation for medical school and to afford training for those who wish to teach Chemistry in high schools or who wish to enter technical work. Certain courses in the Departments of Agriculture and Home Economics.

Students who desire a general knowledge of Chemistry but who do not wish to pursue the subject further are advised to elect Chemistry 11-12.

Students who are contemplating graduate work in Chemistry should at least elect Courses 11-12 or 13 , 14, 16, 17, 18. These

courses constitute the minimum prerequisites for graduate work in the majority of universities.

Those who expect to teach Chemistry in high schools should elect courses 11-12 or 13, 14, 16, 19-20, 23-24.

Students preparing to enter medical school should take Courses 11-12 or 13, 14, 16, 19-20.

As a preparation for technical work the course in Analytical Chemistry will be the most advantageous, but the study of Chemistry should be made as extensive as possible.

Courses 21 and 22 are especially arranged for students in Agriculture and Home Economics. Students are advised, however, to take Courses 19 and 20 instead of 22 if possible.

11-12. GENERAL INORGANIC CHEMISTRY.

Prerequisite, Elementary Physics *Both Semesters* 4 *hours*

This course includes a study of the non-metallic and metallic elements and their chief compounds. Especial attention is given in the lectures and the laboratory to modern chemical theories. The work is largely taken up from the standpoint of Physical Chemistry. An effort is made to correlate the work of lecture room and laboratory with the great chemical industries of the country. Especial attention is given to the historical development of Chemistry in order to keep alive the human interest in this great science.

13. ADVANCED GENERAL INORGANIC CHEMISTRY.

Prerequisites, *First Semester* 4 *hours*
Elementary Physics and Elementary Chemistry.

This course is similar to 11-12 with the exception that work ordinarily done in high school Chemistry is omitted from the course. Especial attention is paid in the lectures to the fundamental principles of ionization, equilibrium in solution, and other important theoretical problems.

14. QUALITATIVE ANALYSIS. FIRST COURSE.

Prerequisite, *1st or 2nd Semester* 4 *hours*
Chemistry 11-12 *or* 13.

The laboratory work in this course consists of a study of the analytical reactions of the common metal and acid ions. The separation and analysis of the various groups af these ions. The

lectures deal with the chemistry of the analytical reactions and especially with the fundamental principles which are most widely used in analytical work.

The laboratory work of this course may be taken either semester with a credit of two hours.

16. QUANTITATIVE ANALYSIS. SECOND COURSE.
Prerequisite, Chemistry 14. *Either Semester* 4 *hours*

This is a continuation of Course 14. It consists of laboratory work in systematic analysis. The student begins with the analysis of simple salts gradually works up to the analysis of complicated mixtures. The number of "unknowns" analyzed depends upon the accuracy of the student's work.

17. ELEMENTARY QUANTITATIVE ANALYSIS.
Prerequisite, Chemistry 14. *Either Semester.* 4 *hours*

The fundamental principles of quantitative analysis. Both gravimetric and volumetric methods are included. The gravimetric work consists of the quantitative analysis of simple salts or alloys. The volumetric work includes methods of calibration, making of standard solutions, etc.

18. ADVANCED QUANTITATIVE ANALYSIS.
Prerequisite, Chemistry 17. *Either Semester.* 4 *hours*

Continuation of Chemistry 17. Analysis of minerals and more difficult salts.

19-20. ORGANIC CHEMISTRY.
Prerequisites, *Both Semesters* 4 *hours*
Chemistry 11-12 *or* 13 *Chemistry* 15.

Chemistry of the carbon compounds. Preparation and properties of the more important carbon compounds of both the aliphatic and aromatic series and the theoretic questions involved.

21. AGRICULTURAL CHEMISTRY.
Prerequisite, *Both Semesters* 5 *hours*
Chemistry 11-12 *or* 13.

This course is arranged for the benefit of students taking the course in Agriculture. The laboratory work will consist of parts of Chemistry 17 and 18 adapted to special needs of this class of students.

22. ORGANIC CHEMISTRY. SHORT COURSE.
Prerequisite, *Chemistry* 11-12 *or* 13 *Second Semester* 4 *hours*

This course is designed for students in the Agricultural and Home Economics courses. The lectures cover the same ground as the lectures in Chemistry 19-20. The course consists of four lectures a week.

23-24. TEACHING OF CHEMISTRY.
Prerequisite, 11-12 *or* 13 *Both Semesters* 1 *hour*

The classroom work in the methods of instruction with especial reference to the work which the student does in assisting in the chemical laboratory. Opportunity will be offered to a limited number of students to act as lecture assistants in the lectures in beginning Chemistry. Students so assigned will assist the instructor in performing lecture experiments before the class. This will offer a valuable opportunity for review of beginning Chemistry and experience in lecture work which will be valuable to anyone intending to teach.

DEPARTMENT OF DOMESTIC SCIENCE—
(See Home Ecnomics)

DEPARTMENT OF ECONOMICS AND BUSINESS ADMINISTRATION

Professor (to be appointed)
Professor Hunter

1. PRINCIPLES OF ECONOMICS.
Sophomore *First Semester* 3 *hours*

An introductory course dealing largely with the production of wealth. Economic theory is emphasized in this course. Class Discussion on text and assigned problems.

2. PRINCIPLES OF ECONOMICS.
Prerequisite, 1 *Second Semester* 3 *hours*

A continuation of course 1. The emphasis is on the distribution of wealth. Effort is also made to apply the more important principles to problems of current interest.

3. CORPORATIONS.
Prerequisite, 1-2 *First Semester* 2 *hours*

A study of the corporation as an element in industrial so-

ciety. The trust problem and the question of government regulation will receive consideration.
(*Offered in* 1920-21)

4. MONEY AND BANKING.
Prerequisites, 1-2 *First Semester* 2 *hours*
The fundamental principles of monetary theory, the history and theory of banking, the discussion of current problems and recent legislation. Text: Holdsworth. "Money and Banking." (*Offered in* 1921-22)

5. LABOR PROBLEMS.
Prerequisite, 1-2 *Second Semester* 3 *hours*
For description of course, see Sociology 3. (*Offered in* 1920-21)

6. PUBLIC FINANCE AND TAXATION.
Prerequisite, 1-2 *Second Semester* 2 *hours*
A study of the theories and methods of taxation. Attention is paid to the collection and disbursement of public funds by federal, state and local authorities. Proposed reforms in taxation receive consideration. (*Offered in* 1921-22)

7. BUSINESS ORGANIZATION.
Junior or Senior *First Semester* 3 *hours*
This course acquaints the student with fundamental principles underlying the organization and administration of a business enterprise. It includes a detailed study of the production end of a business, selling and sales management, advertising credits and collections. (*Offered in* 1920-21)

8. SALESMANSHIP AND ADVERTISING.
Junior or Senior *Second Semester* 3 *hours*
Analysis of salesmanship,the essential qualities of a salesman, the study of the customer, of the goods, and of the competitor, methods of developing personality in the salesman. Attention is given to retail selling and store management. The course is made as practical as possible. (*Offered in* 1921-22)

9. ACCOUNTING.
Junior or Senior *First Semester* 3 *hours*
An elementary course in the principles of accounting. The object of the course is to acquaint the student with the funda-

mental principles underlying accounting systems that he may be able to apply them to any specific business enterprise. (*Offered in* 1921-22)

10. BUSINESS LAW.

Junior or Senior *Second Semester* *2 hours*

The law of contract, agency, sales, negotiable paper, etc. (*Offered in* 1920-21)

11. ECONOMIC HISTORY OF THE UNITED STATES. (*See History* 6)

Prerequisites 1 *and* 2 *and History* 5 *and* 6 *Second Semester* 3 *hours.*

For description of this course, see History 10. (*Offered in* 1920-21)

DEPARTMENT OF EDUCATION

Professor John G. Lowery

Professor John Coleman

Assistant, Mary A. Stone

The courses in this department are designed to meet the needs of four classes of students:

First, students who desire an acquaintance with the educational field without reference to teaching certificates.

Second, students seeking the B. A. or B. S. degree and who desire the professional subjects necessary to have the degree recognized by the State Department of Education for a certificate.

Third, students seeking the degree of B. S. in Education.

Fourth, students seeking the diploma and certificate courses for elementary teachers.

The first group may take any of the first ten courses in the department, for which they can furnish the necessary prerequisites.

The second group should be guided by the state standards for college courses for state certificates, which are as follows:

I. Graduation from a first grade high school or its equivalent.

II. Thirty semester hours of professional courses with the following minima:

1. Observation and Practice, 3 hours.

2. History of Education, 2 hours.
3. Science or Principles of Education, 2 hours.
4. Methods, General and Special, 2 hours.
   hours.
5. School Organization, Management and Law,. 2
6. Psychology,—General, Educational, Genetic, 2 hours.

Any of the above hours may be increased and the remaining semester hours may be chosen from the fields of:

Experimental Psychology.
Sociology.
Ethics.
Philosophy.

III. A major and minor selection of academic work. A major is understood to mean at least eighteen semester hours in some one college department after standard entrance prerequisites have been met. A minor is understood to mean at least ten semester hours in some one college department after standard entrance prerequisites have been met for that department.

The third group should be guided by the above standards and the outline of the course by years under Prescribed Courses for the B. S. in Education.

The fourth group should take the College Normal Course for Elementary Teachers, under which see the requirements.

Description of Courses

I. College Elective and Secondary Education Courses.

These courses are all based upon the full college entrance requirements. The prerequisites are very important, and will be insisted upon in every case.

1. GENERAL PSYCHOLOGY.

Sophomore *First Semester* 3 *hours*

For description of this course, see Philosophy 1. This course is prerequisite to all other work of college grade in Education.

2. EDUCATIONAL PSYCHOLOGY.

Sophomore. Prerequisite, 1 *Second Semester* 3 *hours*

This course assumes in the student a knowledge of the established facts of General Psychology, and proceeds to study the

nature and operation of the mind with special reference to the theory and practice of education. Considerable attention is given to experimental work in education and the student is made familiar with current educational tests.

3. GENETIC PSYCHOLOGY.

Sophomore. Prerequisite, 1 *Second Semester* 3 *hours*

This course is given under two divisions, as follows:

(*a*). *Child Study.* To explain the activities of the mind of the child by the rules which we follow in the study of the adult cannot fail to cause error. An attempt is made in this course to study the concurrent physical and mental development of the normal child.

(*b*). *Child Problems.* In the later part of the semester the problems of the conservation of child life, health and physique, play and recreation, the education of exceptional children, vocational training, child labor, juvenile delinquency, etc. are considered. Text-book, assigned readings, discussions and lectures are included in the method of the course.

4. SOCIAL PSYCHOLOGY.

Junior. Prerequisite, 1 *First Semester* 2 *hours*

For a description of this course, see Philosophy 2.

5-a. HISTORY OF EDUCATION.

Junior. Prerequisite, 1 *Second Semester* 3 *hours*

This course is a study of education in Ancient China, Greece, and Rome, education during the Middle Ages, and the evolution of education, theory, practice, institutions, and leadership, since the beginning of the Renaissance the methods of the course involves work in the text-book, class discussions, assigned readings, special reports, and lectures.

7. PRINCIPLES OF EDUCATION.

Junior. Prerequisite, 1 *and* 2 *or* 3 *First Semester* 3 *hours*

This course undertakes to study the educative process considering it especially from the biological and evolutionary points of view. Education 6-a should come either before or parallel with this course.

8. SOCIAL PRINCIPLES OF EDUCATION.

Senior. Prerequisite, 6, 7. *Second Semester* 3 *hours*

This course is a study of the school as related to the family, state, and other social institutions; of education as a factor in civilization; and of the function of the several kinds of schools in solving the industrial, moral, and other problems of society. Sociology 1 and 2 are also prerequisites to this course.

9. HIGH SCHOOL METHODS—GENERAL.

Senior. Prerequisites, 6,7 *First Semester* 3 *hours*

This course considers the selection and arrangement of subject matter; the methods of learning involved in the various secondary subjects, and the corresponding methods of teaching; the use of materials, aids, laboratories, etc. Required of those taking the degree of Bachelor of Science in Education.

10. SCHOOL ORGANIZATION AND SCHOOL LAW.

Senior. Prerequisites, 6, 7 *Second Semester* 3 *hours*

This course considers the American School system as a function of the state; the ideals that support public education: the selection and duties of boards of education and supervising officers; the financial systems of the schools: the organization of the teaching staff; the problems of buildings and equipment; the kinds of school courses; the selection of text-books; the education of defective, abnormal, and delinquent children; records and reports; and their scientific preparation and interpretation.

11. HIGH SCHOOL METHODS—SPECIAL.

Senior. Prerequisites, 6,7 *Both Semesters* 2 *hours*

The several departments of the College conduct Teacher-Training courses in the corresponding high school subjects. These courses in the Special Methods of secondary education cover the materials, the methods of instruction, and the organization of the work in the subjects under consideration. The following courses are offered:

a. Biology, 8-9	The Teaching of Biology.
b. Chemistry, 23-24	The Teaching of Chemistry
c. English, 18	The Teaching of English.
d. German, 10	The Teaching of German.
e. History 13-14	The Teaching of History.
f. Home Economics, 11-12	The Teaching of Home Economics.
g. Latin, 5-6	The Teaching of Latin.
h. Mathematics, 10	The Teaching of Mathematics.
i. Oratory, 17-18	The Teaching of Oratory.
j. Physics, 5-6	The Teaching of Physics.

12. OBSERVATION AND PRACTICE TEACHING.
Senior. Parallel with 9 or 11 *Both Semesters* *1½ hours*

Liberal opportunity for this work under actual working conditions, is afforded in the high school course given in the Academy. The work of this course is divided into two parts:

a. Systematic Observation. Lectures and assigned readings are given, through which are developed the outlines that are subsequently used in reports and criticisms of classroom work.

b. Practice Teaching. Students are put in charge of high school classes, to work out a series of teaching assignments, in connection with which definite and carefully prepared lesson plans must be presented for criticism and suggestion.

College Normal Course for Elementary Teachers

This course offers two years of college work for elementary teachers, who are graduates of a first grade high school, or the equivalent. The completion of the first year's work in this course merits a county certificate without examination. The Normal Diploma, given for the completion of the two years work, merits a state certificate to teach in the elementary schools of Ohio.

Students working toward the Normal Diploma for Elementary teachers should be guided by the following requirements:

1. Graduation from a first grade high school.
2. Two years work in academic and professional courses for the training of elementary teachers requiring at least 30 semester hours of professional subjects.

3. The professional subjects must include the following minima:

Psychology 3 hours, Primary and special methods 3, General Methods 3, History of Education 3, School Organization and Course of Study 3, Practice and observation of Teaching 4.

At least one-half of the professional subjects should be taken each year.

College Normal Courses

The college courses of study that are taken for this certificate are described in the several departments, under the numbers given below with the several courses. The work of the course, in outline, is as follows:

Required for the First Year

First Semester		Second Semester	
Psychology, 13	3	Methods in English, 19	3
Principles of Teaching, 14	3	Teachers' Agriculture. 10-11	3
School Management, 15-a	3	Teaching of Geography 20	2
English, I	2	Arithmetic and methods, 21	3
History of Methods, 18	3	Reading, 22	3
School Music	2	Drawing	1
Drawing	1	Practice Teaching, 17	1
Observation of Teaching, 17	1	Bible, 2	2
Physical Education		Physical Education	
—	18	—	18

Required for the Second Year

First Semester		Second Semester	
History of Elem. Ed., 16	3	School organization, 10	3
General Psychology, 1	3	English, 2	2
Observation of Teaching 17	1	Practice Teaching 17	1
Bible, 1	2	Physical Education	
Physical Education		Electives	9
Electives	8		
	15		15

13. INTRODUCTORY EDUCATIONAL PSYCHOLOGY.
Freshman *First Semester* 3 *hours*

The course gives an introduction to the established facts of genera psychology, with special reference to their place as the foundation of the theory and practice of education. Texts, lectures, assigned readings.

14 PRINCIPLES OF TEACHING.
Freshman *First Semester* 3 *hours*

This very practical course covers a wide range of teaching problems. A carefully selected text-book will be used as a basis of the work and a full discussion will be given of such subjects as the recitation, lesson plans, assignment of lessons, how to teach children to study, the laws of teaching, and the aims of education.

15-a. SCHOOL MANAGEMENT.
Freshman *First Semester* 3 *hours*

The course is a study of classroom problems. Special attention is given to the mechanical routine and the making of the daily program, to plans for group instruction and for individual instruction; to the essential principles of school-room management; to the nature and means of punishment; and to the relation of the teacher to the supervising authority; to a comparative and analytic study of representative elementary school curricula.

16. HISTORY OF ELEMENTARY EDUCATION.
Sophomore *First Semester* 3 *hours*

The work of this course will follow the chief phases of development in elementary education since the Reformation. The text used will be supplemented by assigned readings, reports, and lectures.

17. OBSERVATION AND TEACHING.
Freshman-Sophomore *Both Semesters* 1 *hour*

The working principles of this course are the same as those in course 12. The practice teaching, however is done in connection with the New Concord Elementary Schools.

18. HISTORY METHODS.

Freshman *First Semester* 3 *hours*

The object of this course is to give a rapid review of United States History, and to show how to teach that History so as to train better American citizens. Type lessons, the different problems of what and how to teach, the selection of suitable text-books, the collection of illustrative material, and the assignment of supplementary readings, are among the points that will receive full consideration.

19. METHODS IN ENGLISH.

Freshman *Second Semester* 3 *hours*

The purpose of this course is to qualify teachers in the elementary schools to do more effective language work. The course works out a complete program of oral and written work for each of the grades, reviews the essentials of technical grammar, and gives practical instruction in Story-Telling and Picture-Study as a means of enriching the language work of the schools.

20. THE TEACHING OF GEOGRAPHY.

Freshman *Second Semester* 2 *hours*

The principles and methods of the Teaching of Geography are carefully taught. A standard text-book will be used, together with type-lessons to illustrate the different phases of the subject.

21. ARITHMETIC AND METHODS.

Freshman *Second Semester* 3 *hours*

This course treats of the aims and methods of teaching Arithemetic in the grades. The selection and organization of subject-matter, the use of aids, devices, and supplementary materials, are given consideration. Special attention is given to the basic principles in Arithmetic, and to the psychological processes involved in the teaching of that subject.

22. READING.

Freshman *Second Semester* 3 *hours*

The aim of this course is to improve the teaching of Reading in the schools. The course deals with the problems of teaching Reading, the physiology, psychology and pedagogy of Reading, the methods and subject-matter of primary Reading, Phonics and Reading in the upper grades, Story-Telling, and Dramatization.

23. MUSIC.

This course treats of the aims and methods of teaching Music in the public schools, and is based upon the Course of Study in Music for Elementary Schools, published by the department of Public Instruction of Ohio. Daily practice in sight-singing and chorus work is required. Attention is given to selection of songs and exercises adapted to the various grades.

24. DRAWING.

Practical instruction is given in this course in the teaching of drawing in the public schools. Hand-work such as paper-cutting, poster-making and clay-modeling is also taught. Picture-study is correlated with other studies.

DEPARTMENT OF ENGLISH

Professor Clara E. Shackelton.
Assistant, Beulah B. Brown

Students who expect to be recommended as teachers of English must take a minimum of twenty-four (24) hours work in this department. Such students are required to take Courses 1-2,4-5, and 7-8, and are advised to take Courses 3 and 18.

1a-2a. COMPOSITION.

Freshman. Required *Both Semesters* *2 hours*

These courses consist of a vigorous practice in theme-writing, text-book work, and conferences. Much of the work will be based on literary models selected from both English and American literature.

3. ADVANCED COMPOSITION.

Prerequisite, 1-2 *Second Semester* *3 hours*

In this course emphasis is laid on the science of composition, exemplified by constant practice in the art.

4-5. SURVEY OF ENGLISH LITERATURE.

Prerequisite, 1-2 *Both Semesters* *3 hours*

Advised for Sophomores.

The purpose of this course is to trace the principal movement in the development of English Literature from its beginning to the present day. A manual will be used, but the chief emphasis will be placed on illustrative selections from the literature itself.

6. CHAUCER.

Prerequisite, 4-5 *First Semester* 3 *hours*

This course includes a study of the life, language, and writings of Chaucer as illustrative of his age. This course alternates with 9. Given in 1920-21.

7-8 SHAKESPEARE AND THE ELIZABETHAN DRAMA.

Prerequisite, 4-5 *Second Semester* 2 *hours*

The development of the English drama will be traced up to Shakespeare. With this background, Shakespeare's developmnet as a dramatist will be carefully studied.

9. SPENSER AND MILTON.

Prequisite 1-2 *First Semester* . . 2 *hours*

An attempt is made to become acquainted with the lives and chief works of these poets in conncetion with their respective ages. This course alternates with 6. Not given in 1920-21

10. THE ENGLISH NOVEL.

Prerequisite, 4-5 *First Semester* 3 *hours*

A study is made in this course of the rise and development of the English novel. A guiding manual is used, but chief emphasis is placed on the study of characteristic novels by representative authors.

11-a. THE ROMANTIC POETS.

Prequisite, 4-5 *Second Semester* 2 *hours*

Wordsworth, Coleridge, Scott, Byron, Shelley, and Keats are studied in their historical setting of the Romantic Movement, with special consideration of their characteristic poetry. Not given 1920-21.

12-a BROWNING AND TENNYSON.

Prerequisite, 1-2 *Both Semesters* 2 *hours*

A study is made in this course of the lives and chief works of these poets as representative of their age. Given 1920-21.

13. NINETEENTH CENTURY ESSAYISTS.

Prerequistite, 1-2 *First Semester* 2 *hours*

A study is made in this course of the principal nineteenth century essayists as models of prose style, as well as for thought expressed. Not given 1920-21.

14-15. AMERICAN LITERATURE.
Prerequisite, 1-2 *Both Semesters* *2 hours*
The historical movements in American Literature are traced through selected writing of representative authors.

16. HISTORY OF THE ENGLISH LANGUAGE.
Prerequisites, 1-2, 4-5, 6 *Second Semester* *2 hours*
This course undtertakes a careful study of the develompment of the English language.

18. THE TEACHING OF ENGLISH.
Prerequisite, 1-2, 4-5, 7-8 *Second Semester* *2 hours*
For the description and additional requirements of this course, see Education 11 and 12

DEPARTMENT OF FRENCH—(See Romance Languages)

DEPARTMENT OF GEOLOGY

Professor Leroy Patton

In the work of this department a study is made of the great earth process both for the purpose of acquiring technical information and for the cultural value which accrues from the scientific examination of the present and past earth process The work is intended to serve as a foundation for future work in Geology, for preparation for those who wish to teach Science in High Schools or for those who wish to take a year's Science for culture purposes. The year's work offered in this department is recommended as a minor for those students who are making some other science their major.

3 *Physiography* *First Semester* 4 *hours*
A study of the earth processes of erosion, deposition, glaciation, diastrophism, etc., as they are known today. One credit-hour is devoted to a study of the interpretation of topographic maps of the U. S. Geological Survey with a view both to acquiring skill in the interpretation of these maps and to making a study of the geological questions illustrated by them.

4. *Historical Geology* *Second Semester* 4 *hours*
A study of the past history of the earth as interpreted by application of the principles learned from a study of the present process. A study of the folios of the U. S. Geological Survey is made in connection with the work.

6. *Field Geology* *Second Semester* 4 *hours*

A study of geological problems in the field. Field trips will be made to various points of interest in the vicinity of New Concord and the geological history of the region will be worked out according to the approval methods of geological research. The work will conclude with a report written according to the standards of the U. S. Geological Survey.

7. TOPOGRAPHIC SURVEYING.

Prerequisite.. Accompanied or preceeded by Geology 3.

First Semester 2 *hours*

Instruction and practical field work in the use of the plane table and teloscopic alidade in plane table surveying, making of base maps, explorer's maps, and mapping of topographic features. The work is especially designed as preparation for Geology 8. The department has lately acquired the best set of instruments obtainable on the market for this kind of work and is, therefore, equipped to do a high class of work. Hours to be arranged. Class limited in number.

8. PETROLEUM GEOLOGY.

Prerequisite. Geology 7 and accompanied or preceded by Geology 4. *Second Semester.* 2 *hours*

Instruction and practical field work in stratigraphy and in mapping geologic structure for the purpose of locating favorable sites for drilling for gas and oil. Especially designed for those who wish to go into commercial work in geology. Hours to be arranged. Class limited in number.

DEPARTMENT OF GERMAN

Professor Mary E. Sharp

The object of these courses is to give a knowledge of the elements of syntax and composition and a facility in reading and speaking the German language. The first courses are elementary in character. As they advance, the study of the language claims increasing attention. Supplementary reading is encouraged and themes are required to be written in German from topics assigned which require independent work.

1-2. GERMAN I.

Beginner's Course *Both Semesters* 4 *hours*

Thorough drill in grammar and pronunciation. Dictation, memorizing of short German poems and "Geschichte-Erzahlung." Reading of easy texts, such as "Gruss aus Deutchland" or "Willkommen in Deutchland.

3. GERMAN II.

Prerequisite, 1-2 *First Semester* 4 *hours*

Reading, "Immense," "Der Neffe ols Onkel" and "Das Edle Blut," or texts equivalent to these. One recitation a week devoted to composition. Wesselhoeft's Composition, Part I, completed. Review of Grammar. Outside reading on assigned subjects based on current events taken from the German Daily and "Aus Nah und Fern."

4. GERMAN II.

Prerequisite, 3 *Second Semester* 4 *hours*

Reading, "Der Leibmedikus," "Der Narr," "Die Journalisten," or equivalent texts. Outside readings, etc., continued.

German I and II, are intended for students entering college having no German in high school.

5. GERMAN III.

Prerequisite, 2 units of German *First Semester* 3 *hours*

(Fr. Scientific.) Reading "Frau Sorge," 209 pages, or its equivalent. Pope's Composition, "Eine Reise Nach Deutchland," 14 lessons completed. Dictation of essentials of grammar on which the student is expected to be ready for a written quiz at any time. Outside reading. Not given 1920-21.

6. GERMAN III.

Prerequisite, 5 *Second Semester* 3 *hours*

Reading, "Der Talisman," or its equivalent. Pope's Composition "Eine Reise Nach Deutchland" and Part I. on "Briefe" completed. Dictation, conversation and outside reading continued. Not given 1920-21.

7. GERMAN IV.

Prerequisite, 5 *and* 6 *First Semester* 3 *hours*

Schiller's "Jungfrau" and Schiller's "Maria Stuart" completed. Two texts of second year grade read out of class by stu-

dent and written reviews of the same in German required. Not Given 1920-21.

8. GERMAN IV.

Prerequisite, 7 *Second Semester* *3 hours*

Goethe's "Iphigenie Auf Tauris" and "Tasso" or some equivalent work of Goethe completed. Same number of outside readings and reviews as in first semester, making four reviews for the year.

German IV. is conducted as much as possible in German, and in the second semester at least half an hour a week is devoted to rapid dictation of advanced German prose. Not open to students having an average grade below "B" in their previous work in German. Not given 1920-21.

9. SCIENTIFIC GERMAN.

Prerequisite, stated below *Second Semester* *3 hours*

This course presupposes three semesters college German or its equivalent. It consists of rapid reading of German articles, lectures ,etc., along the line of various science. Special outside readings for each student in the science in which he desires his German vocabulary. Dippold's "Scientific German Reader" serves as the class room text book. Not given 1920-21.

10. THE TEACHING OF GERMAN.

Prerequisite, stated below *Second Semester* *2 hours*

This is a course for teachers of high school German, and is open to those who have had three years of German. For the description and additional prerequisites of this course, see Education 11 and 12. Not given 1920-21.

DEPARTMENT OF GREEK

Professor G. B. McCreary

1-2. ELEMENTARY GREEK.

Freshman *Both Semesters* *4 hours*

An effort is made in the course to secure the mastery of essential inflections, the acquisition of a working vocabulary, a familiarity with the irregular verbs, and a knowledge of the basic principles of Greek syntax. White's "First Greek Book" and Xenophon's "Anabasis" are the materials of the course.

3-4. XENOPHON'S ANABASIS AND PLATO'S APOLOGY.

Sophomore, Prerequisite, 1-2 *Both Semesters* 3 *hours*

Four books of the Anabasis will be read. Besides the reading of the Apology in the original, this course involves a study of the Life of Socrates and the Sophists, and further work in grammar and composition.

5. NEW TESTAMENT GREEK.

Prerequisite, 3-4 *Second Semester* 3 *hours*

Selections from the Gospels and the Epistles are read. A careful study is made of Greek forms and the uses of Moods and Tenses in the New Testament.

6. HOMER'S ILIAD.

Prerequisites, 3-4, *advised* *First Semester* 3 *hours*

In addition to reading several books of the Iliad in the original, students in this course will give special attention to the Homeric dialect, scansion and mythology.

7. DEMOSTHENES' DE CORONA.

Prerequisites, 3-4 *advised* *Second Semester* 3 *hours*

This course involves the reading of the original and a study of Greek oratory.

8. THE GREEK DRAMA.

Prerequisites, 3-4, *advised* *First Semester* 3 *hours*

The Medea of Euripides, or some other Greek play, will be the working basis of this course. Attention will also be given to the institution of the Greek drama, and to its influence on Greek national life. Not given 1920-21.

DEPARTMENT OF HISTORY

Professor Hunter

Professor White

1. EUROPEAN HISTORY (Medieval).

Freshman *First Semester* 3 *hours*

A survey of the political, religious, social and indutsrial development of Europe from the fall of the Roman Empire to the time of the Renaissance, tracing the rise of the nations of Western Europe. Textbook, collateral reading, and frequent tests.

2. EUROPEAN HISTORY (1500-1815)
Prerequisite 1, *advised* *Second Semester* 3 *hours*
A continuation of course 1, covering the development of modern Europe from the Renaissance to Congress of Vienna.

3. EUROPEAN HISTORY (1815-1870).
Prerequisite 2, *advised* *First Semester* 3 *hours*
Reconstruction of Europe after the overthrow of Napoleon, the industrial revolution, the revolutions of 1830 and 1848, Napoleon III and the second Empire in France, Cavour and the unification of Italy, Bismarck and the unification of Germany. Text, collateral reading, and papers. (*Offered* 1921-22.)

4. EUROPEAN HISTORY (1870-1920)
Prerequisite 3, *advised* *Second Semester* 3 *hours*
The German Empire:constitution, industrial development, social legislation, colonial expansion. The British Empire: growth of democracy, colonial system, industrial and social reforme. The Republic of France: political and social development separation of Church and State. The awakening of Russia. World politics and international affairs. The World War and consequent reconstruction. (*Offered in* 1921-22).

5.ADVANCED UNITED STATES HISTORY.
Junior or Senior *First Semester* 3 *hours*
A Study in the development of the American nation from the discovery of America to the Jacksonian era, giving special attention to the Revolution, the formation of the Constitution, and the establishment of the government under it. Text, collateral reading and thesis.

6. ADVANCED UNITED STATES HISTORY (since 1829)
Prerequisite 9, *advised* *Second Semester* 3 *hours*
A continuation of Course 9, from the period of Jackson to the present time. Special attention is given to the growth of national power, and to the social and economic problems since the Civil War.

7. ENGLISH HISTORY (up to 1500)
Prerequisite 1 *and* 2, *advised* *First Semester* 2 *hours*
A course in general English History from the early times to the reign of the Tudors. Emphasis will be laid on the forma-

tion of the nation and the development of its constitution. (*Offered in* 1921-22).

8. MODERN ENGLISH HISTORY.

Prerequisite, 7 advised *Second Semester* *2 hours*

A continuation of course 7, taking up the history from the period down to the present time. A study of the contest for colonial and commercial supremacy, of the industrial revolution and of the social and political reforms which have contributed to the development of the England of today. (*Offered in* 1921-22).

11. CONTEMPORARY HISTORY.

Open Elective *First Semester* *1 hour*

The object of this course is to give the student a practical working application of history in connection with the world movements of today(*See Contemporary Political Problems in the Department of political science.*)

12. CONTEMPORARY HISTORY.

Open Elective *Second Semester* *1 hour*

A continuation of Course 11. Election in Contemporary History is limited to two hours of credit.

13. TEACHING OF HISTORY.

Prerequisite 1,2,3,4,9,10, *or their equivalents. First Semester* 1 *hr.*

This course is designed to meet the needs of students who expect to teach History. For professional requirements in this course, see Education 11 and 12. (*Offered in* 1920-21).

14. TEACHING OF HISTORY.

Prerequisite 13 *Second Semester* *1 hour*

A continuation of Course 13.

10. ECONOMIC HISTORY OF THE UNITED STATES.

Prerequisites 5 *and* 6 *and Economics land* 2. *Second Semester* 3 *h.*

A study of the development of American commerce, railways, industries, and general economic conditions from the colonial period to the present time, together with special attention to present day economic problems. This course is also listed under the Department of Economics. (*Offered in* 1920-21).

15.-16. SEMINAR IN AMERICAN HISTORY.

Juniors and seniors *Both Semesters* *2 hours*

This course is designed for those advanced students major-

ing in History who desire to do intensive work on a special field, especially those writing theses. The class will meet for a two-hour period once a week to suit the convenience of the instructor and students. The period of history will be chosen by the class upon meeting.

9. HISTORY OF THE WORLD WAR.

Open Elective *First Semester* *2 hours*

A review of the causes leading up to the World War of 1914-19, and the progress of the conflict, involving the United States. The course also includes a discussion of the Peace Treaty and its reception by the Allies, and deals with the various phases of reconstruction. (*Offered in* 1920-21)

DEPARTMENT OF HOME ECNOMICICS

Professor M. Luella Pollock

Students desiring to be recommended as teachers of Home Economics must take Courses 1-2, 3-4, 5-6, 9, 10, 11-12.

By Special arrangement with Ohio State University, the student who has completed two years in Home Economics at Muskingum may by taking two additional years at the University receive from that institution the degree of Bachelor of Science in Home Economics, or the degree of Bachelor of Science in Education in Home Economics. For the requirements, see Affiliated Courses with Ohio State University, Home Economics.

Students not desiring to graduate in the Home Economics Department may take any of the courses offered in connection with their other college work and will receive full credit.

1-2. DESIGN AND COMPOSITION.

Freshman *Both Semesters* *1 hour*

The principles of design are taught in this course. Original designs in pencil, pen, and color are made by the student. Two hours laboratory.

3-4. TEXTILES.

Freshman *Both Semesters* *2 hours*

This course teaches the history, economic importance, and properties of the textile fibres. Clothing budgets are prepared and studied. The laboratory work includes the designing and drafting of patterns, and the making of underwear and simple dresses. One hour recitation. Two hours laboratory.

5-6. FOODS.

Prerequisite, General Chemistry *Both Semesters* 5 *hours*

This course includes a detailed study of food nutrients, their use, metabolism, and comparative cost. In the laboratory, foods are studied by means of experimentation and preparation. Three hours recitation. Four hours laboratory.

7-8. FOOD STUDY.

Special *Both Semesters* 2 *hours*

This course is designed for those who do not wish to teach the subject, but desire a working knowledge of the principles involved in the preparation of foods. One hour recitation. Two hours laboratory.

9. HOUSEHOLD MANAGEMENT.

No Prerequisite *Second Semester* 3 *hours*

Problems in the arranging and administering of the home are considered in this course.

10. SANITATION.

Prerequisite, Bacteriology 7 *Second Semester* 3 *hours*

This course deals with the construction of the house from a sanitary standpoint, and with the water supply, heating, lighting and ventilating of the home. Special work and demonstrations will be given in home nursing.

11-12. THE TEACHING OF HOME ECONOMICS.

Prerequisites, 1-2, 3-4, 5-6, 9, 10 *Both Semesters* 2 *hours*

For the discription and additional requirements of this course see Education 11 and 12. This course consists of observation, conferences, lesson plans and practice teaching.

DEPARTMENT OF LATIN

Professor T. H. Paden

Assistant, Jeannette Reed

The courses in the Department of Latin are intended to direct the student to a careful and systematic study of the Latin language, and by reading in some of the best authors, to give the student a general idea of the Roman language, life, and literature, and also to furnish a basis for students who may wish latter to make a specialty in the study of this language. Attention will be given to technical grammar and to composition, as

a help in these directions.

Two years of Latin are offered under the following courses.

1. CICERO, LIVY, AND OVID OR THEIR EQUIVALENTS.

Prerequisite, 4 units of Latin *First Semester* 3 *hours*

Essays of Cicero, selections from Livy's histories, and from the metamorphoses of Ovid.

2. HORACE, PLAUTUS, AND CATULLUS OR THEIR EQUIVALENTS.

Prerequisite, 1 *Second Semester* 3 *hours*

Selections from the odes and other writings of Horace, a play of Plautus, and selections from Catullus.

3-4. SPECIAL COURSE IN LATIN.

Prerequisite, 1, 2 *Both Semesters* 2 *hours*

This course is open to those who have had one year of college Latin, and who have shown themselves especially interested and proficient in this language, and are looking forward either to the teaching of it or to the more advanced study of it.

Different authors will be read. Sometimes they will be read extensively, at other times they will be read intensively. At times portions will be read from authors usually read in preparatory schools, with the idea of furnishing some help and inspiration to prospective teachers. Attention will be given to noting and examining the many Latin words, from which English words are derived, and thus showing this practical side of the study of Latin. There will be practice in sight reading, and also in translating "de novo" portions from different authors, during the recitation hour.

5-6. THE TEACHING OF LATIN

Prerequisites, 1, 2, 3 *and* 4 *Both Semesters* 1 *hour*

The course includes a study of the methods employed in teaching high school Latin, a discussion of Caesar, Cicero and Virgil, together with composition, a consideration of the merits of text-books and of the problems of teaching. For the working principles of this course and a statement of additional prequisites and requirements, see Education 11 and 12.

DEPARTMENT OF MATHEMATICS AND ASTRONOMY

Professor H. A. Bender

The courses of this department of Mathematics are arranged to meet the usual college standards. The work of the Freshman and Sophomore years is so planned that the subject matter of these courses may be available in the later training of the regular college student. It is, moreover, of such scope and character as to qualify one completing it to continue his studies elsewhere without repeating any of his previous mathematical work.

1. COLLEGE ALGEBRA.

Prerequisite, 1½ *units of Algebra* *First Semester* 3 *hours*

This course is a short review of factoring, fractions, simple equations, theory of exponents followed by the theory of quadratic equations, logarithms, variables and limits, and the theory of equations.

2. PLANE TRIGONOMETRY.

Prerequisite, 1 *Second Semester* 3 *hours*

A study is made of the trigonometrical functions, gonimetry and the solutions of plane triangles.

4. ANALYTICS.

Prerequisite, 1-2 *First Semester* 3 *hours*

This study involves the application of rectilinear and polar co-ordinates to conic sections, etc.

6. CALCULUS.

Prerequisite, 2-4 *Second Semester* 5 *hours*

This is a study of variables and function, theory of limits, differentiation and application, successive differentiation, maxima and minima, differentials, curvature and radius of curvature, theorem of the mean, indeterminate form, partial differentiation, expansion of functions in series, application to higher plane curves, integration and the definite integral as the limit of a sum.

7. ASTRONOMY.

Prerequisite, 2 *First Semester* 3 *hours*

This course is purely of a descriptive nature and is intended to cover such a treatment of astronomy as may be acquired without any mathematical training beyond trigonometry.

Text: Young's Manual of Astronomy.

11-12. THEORETICAL MECHANICS.
Prerequisite 4-6 *Both Semesters* 3 *hours*

This course is a study of moments of mass and inertia, kinematics of a point, rectilinear and curvilinear motion, kinetics of a material particle, work, energy, impulse, motion of a particle in constant field, central forces, harmonic field motion in a resisting medium, dynamics of a rigid body. Text: Smith and Longley.

8. MECHANICAL DRAWING I.
Prerequisite, Plane Geometry *First Semester* 3 *hours*

The principle subjects of this course are geometrical exercises, lettering, orthographic projection and inking.

9. MECHANICAL DRAWING II.
Prerequisite, 8 *Second Semester* 3 *hours*

This course continues the work of the preceding semester, studying auxilary projections, sectional views, revolution, true lengths of lines and drawing from description.

10. THE TEACHING OF MATHEMATICS.
Prerequisite 1-2-4-6 *Both Semesters* 1 *hour*

For the working principles of this course, and a statement of additional prerequisites and requirements, see Education 11 and 12.

DEPARTMENT OF ORATORY AND SCHOOL OF EXPRESSION

Professor Charles Rush Layton
Assistant, Ferne Parsons Layton

The School of Expression has in view two departments—Public Speaking and Reading. Our first object is to stimulate clear and orderly thinking, cultivate the imagination, and develop the emotional nature. Our further aim is to enable the student properly and effectively to express his thought and emotion through the medium of the voice and body.

The inductive method of instruction is followed largely, making practice precede theory. Students are not taught to imitate, but to be themselves at their best. Naturalness, ease, complete mastery of the subject, conversational manner in delivery, well managed voice and gesture, putting the subject ahead and

the speaker behind—these are the things that make up a good speech or a good interpretation of literature, and these are the things that we emphasize in our courses. The cultivation of the artistic in expression also is an ideal of the department.

Note— All of the courses in this department are elective but no one can enter any of the higher courses without having had courses 1-2. In exceptional cases, by special permission, a student pursuing Courses 1-2 may be admitted to some of the advanced courses.

1. PUBLIC SPEAKING.

Fundamental Course *First Semester* 3 *hours*

Introduction to speaking and reading Text-book, lectures, outside reading, platform practice, and laboratory work. The purpose of this course is to help the student "find himself" as a public speaker. To think, to feel, to speak and interpret, are essentials of the work. The classes are conducted to meet the needs of the average college student and not the "elocutionary expert." Principles underlying vocal expression in speech are reached inductively as well as deductively. Along with the class room instruction, the student works over a number of practical exercises and thus is led to discover the laws necessary to self-criticism. Special instruction and drill will be given in breathing, voice, gesture and action as media of the execution of the principles of vocal expression. This course is a prerequisite for all other courses in the department. It is suggested that those who are particulary interested in public speaking take this course in their Freshman year. This course should be followed by Course 2, the second semester of the same year.

2. PUBLIC SPEAKING.

Prerequisite, 1 *Second Semester* 3 *hours*

Continuation of Course 1. The work begun in the first semester will be continued and developed. The emphasis will be placed on original thinking and self-expression. The student will be introduced to argumentation and extemporaneous speaking in principles and practice. Briefing and other vital principles of debating and speaking are given definite attention. Each student will participate in formal debates and extempore speeches

before the class. Incidentally, this course lays the foundation for more intensive work of advanced studies in Public Speaking; but primarily, it aims to develop the ability to think and talk well. Those who expect to try out for debating or oratorical contests should take this course in the Freshman year.

3. INTERPRETATIVE READING.

Prerequisite, 1-2 *First Semester* *2 hours*

Oral interpretation of masterpieces of literature. This involves a study for appreciation, and an analysis for the thought and emotional meaning. This done, the problem is to convey the interpretation to others. Vocal culture and drill in Action. General culture, artistic reading, public entertainment and greater appreciation of English literature are aims of the course.

4. ADVANCED INTERPRETATIVE READING.

Prerequisite, 3 *Second Semester* *2 hours*

Continuation of Course 3. Principles of analysis and interpretation are given careful attention. More difficult work is attempted than in the previous course.

5. EXTEMPORE PUBLIC ADDRESS.

Prerequisite, 1-2 *First Semester* *2 hours*

Addresses for all occasions prepared and delivered extempore. This is a practical course and deals particularly with the kind of speaking that one is most frequently called upon to use. Gathering and compiling speech material and brief drawing are important factors in the work. A forceful and effective delivery such as appeals to the modern audience is promoted by persistent practice. Lecture and class methods used. Parlimentary procedure also is studied. Alternates with Course 8. Not given 1919-20.

6. ORATORY AND ORATORS—SURVEY.

Prerequisite, 1-2 *First Semester* *3 hours*

Study of the lives of great orators, their methods, and orations. Preparation and delivery of speeches on above material. Lectures, recitations, reports on collateral reading, and programs. A survey of oratory from the standpoint of history, literature, and practical speaking.

7. ORATORY AND ORATORS—RHETORIC.

Prerequisite, 1-2 *Second Semester* 3 *hours*

Study of the rhetoric of oratory. Preparation and delivery of original orations and addresses. The elements of conviction and persuasion are given special emphasis. Masterpieces of oratory are studied. One of the chief aims is original composition.

Students are not eligible to intercollegiate oratory unless they have taken or are taking this course.

8-9. ARGUMENTATION AND DEBATE.

Prerequisite, 1-2 *Both Semesters* 2 *hours*

Thought and Composition , and Delivery. Intensive study and application of the principles of argumentation. The logical process of analysis and discrimination, evidence, proof, inductive and deductive argument, fallacies, refutation, etc., are given through consideration. The careful preparation of debate briefs is a feature of the course. The mastery of correct form and thought content is required. Each student participates in regular debates in which the thing sought after is clear and forceful presentation of well thought out argument.

10. JUNIOR PLAY PRODUCTION.

Open only to Juniors *Second Semester* 2 *hours*

Acting possibilities of various plays are studied. Problems of play production are considered. Plays are read, reviewed. and interpreted. At least one play is presented to the public in costume. Literary values and the artistic expression of dramatic thought and emotion are aims of the course.

11. SENIOR PLAY PRODUCTION.

Open only to Seniors *First Semester* 2 *hours*

Same as above, but for more advanced students. Those who expect to coach high school or college theatricals should take courses in play production.

12. a. b. c. DEBATING SEMINARY.

For debating teams only *First Semester* 2 *hours*

Open only to those who make the intercollegiate debating teams. The work consists of applying the principles of argumentation to important present-day questions. There is intensive work on one or two questions, selected for the inter-collegiate

debates. Lectures and round tables, assignments and reports, briefs, arguments and speeches. Debates between teams leading up to intercollegiate contests. Since new questions are studied each year, students may repeat this seminary and receive additional credit.

13. a. b. c. DEBATING SEMINARY.

Prerequisite, 12 *Second Semester* *2 hours*

Continuation of course 12. Same methods pursued. Special study made of the result of the intercollegiate debates in order fully to assimilate the work of the first semester. Study and examination of various questions as possibilities for the next years contest. Seminaries 12 and 13 require very much more time than average courses. No one should enter them who is not prepared to meet the requirement.

14. PSYCHOLOGY OF EXPRESSION.

Prerequisites, 1-2, *Psychology* 1 *Second Semester* *2 hours*

A study is made of vocal and actional expression from the standpoint of underlying philosophical principles. The how and why of elocution are studied not only to extend the knowledge and experience of the student; but also to stimulate his imagination and develop his personality. Collateral reading is required. Students who expect to specialize in this department, or who wish to prepare for teaching oratory, are advised to take this course in connection with or before entering upon the study of other advanced courses. Offered alternating years.

15. SHAKESPEAREAN READING.

Prerequisite, 1-2 *Second Semester* *2hours*

Interpretation, Impersonation and Dramatic Technique. Thorough analysis, study of character, plot and incident of at least two standard plays, together with a careful expressional reading of the plays and memoriter rendition of the principal scenes. At least two additional plays will be read and studied outside of the class. Offered alternating years. Not given 1920-21.

16. ADVANCED ORATORY.

Prerequisite, 7 *First Semester* *1 hour*

Continuation of Course 7. Open only to intercollegiate orators.

17-18. THE TEACHING OF PUBLIC SPEAKING AND ORAL ENGLISH.

By Permission *Both Semesters* *1 hour*

A course in the methods of teaching public speaking and oral English, especially adapted to meet the growing interest in these subjects in high school work. For the working principles of this course, and a statement of additional prerequisites and requirements, see Education 11. Education 12 must accompany this course. The combined credit of the two courses for the year is 5 hours.

19. ADVANCED PUBLIC SPEAKING.

By Permission *Second Semester* *2 to 3 hours*

Preparation and delivery of one extended address or lecture. Detailed survey of Webster-Hayne, Lincoln-Douglas, and Beveridge-Hoar debates. Reproduction of famous platform addresses and lectures. Review of the history of oratory. Study of the qualities of an effective speech. Lectures, reports, and discussions.

Open only to students who have shown ability in speaking and reading, and who receive permission or invitation. Offered on request.

20. ORATORY SEMINARY.

By Permission *Second Semester* *2 hours*

Open only to advanced students who receive permission. An intensive study is made of some phase of oratory. Research in writings on the subject of oratory, or in the field of oratorical literature, or in the biography and method of a few great orators —are among the possibilities. New light on the subject of oratory is the aim of the seminary. Offered on request.

30. LITERARY ANALYSIS AND INTERPRETATION (Private Work)

By Arrangement *Either Semester* *Discretionary*

Advance studies in analysis and oral interpretation of literature. This course will be adapted to the individual needs of the student. A definite schedule and course of study is pursued lead-

ing to definite ends. An hour of recitation in this course requires about three times as much preparation as an hour in an average class course. A given amount of work, satisfactorily covered, is required for credit in private lessons. Credit is given at the discretion of the instructor. Students measuring up to the requirements will receive 1 hour semester credit for eight private lessons of one hour each. In order to receive credit, however, the work should be pursued consecutively, with at least one lesson per week throughout a semester. Exception may be made to this ruling in unusual cases. A written examination is given at the end of each semester.

Semester credit for 16 one-hour lessons, 2 hours. For 32 one-hour lessons, 4 hours, etc.

At least 6 hours of credit in private work are required for graduation in oratory. For the average student 8 hours may be required. A part of the work of this course is the preparation of public programs and a graduation recital. If an ambitious work is undertaken, additional private lessons will likely be necessary.

Tuition for Private Lessons

Two *one-hour* lessons per week, per semester....$35.00
ONE *one-hour* lesson per week, per semester 20.00
Single *one-hour* lesson 1.50

GRADUATION.

A "Diploma in Oratory" is granted to those who fulfill the requirements of the Department for graduation from the School of Expression. At least thirty-six hours of Oratory work are required, of which six must be taken in Course 30. The remainder Will be determined in conference of student and department head.

The diploma course also requires each student to prepare two full programs for public recital and graduation recital. The graduation recital may consist of selected readings, or an original adaption of one standard work of fiction, or a lecture-recital of a standard play (preferably Shakespearean), or an extended address.

Each candidate for graduation is required to submit to the Faculty, one month before the date set for the Commencement, an original thesis of not less than 3,000 words on a theme

relevant to the work of the department and approved by the professor in charge. When accepted, a typewritten or printed copy must be left with the head of the department.

No student will be granted a diploma from this department who has not a bachelor's degree or its equivalent.

DEPARTMENT OF PHILOSOPY

Professor John Coleman

1. GENERAL PSYCHOLOGY.

Sophomore *First Semester* 3 *hours*

A study of the laws and phenomena of mind and the related physiological activities. The development of habit, memory, and the imagination, and the nature and functions of instincts, emotions and will are considered.

2. SOCIAL PSYCHOLOGY.

Junior. Prerequisite, 1 *First Semester* 2 *hours*

A scientific study of the social factor in the development of the mind and explanation of its contents, leads to the consideration of many social questions from a new viewpoint that is both interesting and enlightening. Reports required on outside reading.

3. INTRODUCTORY EDUCATIONAL PSYCHOLOGY.

Freshman *First Semester* 3 *hours*

For description of this course, see Education 13.

4. EDUCATIONAL PSYCHOLOGY.

Sophomore. Prerequisite, 1 *Second Semester* 3 *hours*

For description of course, see Education 2.

5. PSYCHOLOGY OF EXPRESSION.

Junior. Prerequisite, Psychology 1 *First Semester* 2 *hours*

For description of this course, see Oratory 14.

6. ETHICS.

Junior required *First Semester* 3 *hours*

The aim of this course is to ascertain the field of responsibility, the elements of the moral nature, the true foundation of virtue, and from these to form an adequate conception of duty. An effort is made to show by induction from concrete cases as well as on philosophical grounds the sufficiency of the Christian

standard of morality and its solution of the marginal questions of practical life. Outside readings.

7. HISTORY OF PHILOSOPHY.

Junior or Senior. Prerequisite, 1 *First Semester* 4 *hours*

A study of philosophical theory from the time of Thales to the present day. Special attention is paid to the interaction of philosophical development and social conditions; also to the fundamentals which philosophy supplies to psychology, sociology, ethics, educational theory, and the physical sciences. Given alternate years. Not given in 1920-21.

8. PROBLEMS OF PHILOSOPHY.

Junior or Senior. Prerequisite, 1 *Second Semester* 4 *hours*

Given in alternate years with the preceding with a view to supplying those desiring it with a full year's work in philosophy The various problems such as the nature of being, the problem of knowledge, human freedom, etc., are considered with an effort to give the student a philosophical basis for theotrical and practical life. Given in 1920-21.

9. PHILOSOPHY OF THEISM.

Senior *Second Semester* 2 *hours*

Whether he intends it or not everyone has a more or less consistent world view of which his religion is a vital factor. This course presents the postulates of the world view of Christian theism concerning the nature of God and man and the problems of evil and redemption from it, of progress and the future.

10. EVIDENCES OF CHRISTIANITY.

Senior *First Semester* 2 *hours*

The object of this course is to present the most generally accepted evidence of the fact that Christianity is a divinely revealed religion. The arguments for the authenticity and credibility of the Bible, and the arguments from miracles, prophecy, the fruits and the spread of Christianity are examined.

11. GENETIC PSYCHOLOGY.

Sophomore. Prerequisite, 1 *Second Semester* 3 *hours*

For description of this course, see Education 3.

12. MODERN THINKERS.

Junior or Senior. Prerequisite, 6 *Second Semester* 3 *hours*

The purpose of this course is to introduce the students to the ideas of the modern leaders of thought such as James, Royce, Ibsen, Nietzsche, Tolstoi, etc. Some are primarily philosophers, others literary artists who think profoundly. Lectures will be given and extensive reading required.

13. POLITICAL PHILOSOPHY.

For decription of this course, see Political Science II.

DEPARTMENT OF PHYSICAL EDUCATION

FOR MEN

Director, Ray B. Michaels

The purpose of this department is to build up a sound, healthy body at the same time the intellect is being developed.

The care and development of the body is so essential to the success of the student after he has finished his education, that a habit of physical exercise is cultivated by requiring all Freshmen and Sophomores to enroll in this department. Four credit hours are entered on the Registrar's books for the two years work, but may not be counted toward a degree. Arrangements are to be made so that every student thus enrolled shall have a physical examination by a competent physician. Statistical cards with record of measurements are to be filed for each student so that progress of development may be noted. The following courses are offered:

Freshman Year

1. .*Men.*

Free hand exercise, dumb bells, parallel bars; games such as Basket Ball, Volley Ball, and Hand Ball.

2. *Men*

Indian Clubs, Tumbling: games such as Hand Ball, Basket Ball, and Volley Ball.

Sophomore Year.

3. *Men.*

Parallel Bar, Tumbling Pyramids; games such as Foot Ball, Basket Ball and Hand Ball.

4. *Men.*

Gymnastics, Tumbling, Side Horse, Springboard and Mat. Outdoor Exercises, Track Athletics, Base Ball.

MILITARY TRAINING.

Military training has been discontinued since the close of the war.

FOR WOMEN

Director, Elizabeth Finley

The motto of this department is "Health and Happiness," based upon the belief that health leads to happiness and exercise to health. The aim is to secure a symetrical development of the body; to interest the student in the laws of health and development; to give such exercises as will promote bodily vigor and vitality; and at the same time to give freedom from awkwardness and self-consciousness, thus securing poise, ease and precision of movement.

Two hours per week are required of all Freshmen and Sophomores. Four credit hours are entitled on the Registrar's books for the two years work, but may not be counted toward a degree.

Out-door Work—Out-door sports are one of the special features of the work. Instruction is given in Tennis, In-door Base Ball, Volley Ball and other out-door games during the open season.

In-door Work—Instruction is given in Basket Ball, recreative and disciplinary games for the school room and play ground. Folk dancing as a form of spontaneous self-expression and recreation is given considerable time. Lectures on Personal Hygiene, the reading and taking notes from such books as will tend to ground the student in Hygeine, First Aid, and kindred subjects.

General Gymnastics.

General Gymnastics for personal improvement includes Indian club, dumb-bell, grace and wand drills, breathing exercises, flexing exercises to overcome stiffness for those students found defective; also exercises that specially develop control of the muscles, and at least one complete set of exercises for all

the muscles of the body and for each joint. The last exercises are required that the student may have a practical and definite knowledge with which to continue her development after leaving college. In addition each student is required to keep a note book containing description of her work and notes on the assigned reading during the year. These note books are graded and corrected at least once a semester.

At the close of the year, students distinguishing themselves in this work are made "Student Aids" This gives them practical training in leadership, teaching and organization.

DEPARTMENT OF POLITICAL SCIENCE AND SOCIOLOGY

Professor Arthur S. White

Professor————————

The work of this department is arranged with the following purposes in view:

First to so corelate its work with the work of other departments that the student may gain the broadest possible insight into the important movements of the past, especially the development of the institutional life of the most progressive modern nations, and the ideas and forces which have controlled this development, in order that he may the better understand and interpret the great political, economic and social movements of today.

Second, to furnish the information necessary to open the students' minds to the possibility of questioning the fundamentals of current thinking, and to stimulate such a critical and independent attitude of mind as will lead to the development of a broad, intelligent and sympathetic citizenship.

Third, to supply a basis of preliminary training for those who contemplate entering social service, teaching, the ministry, law, journalism, diplomacy, business, or any other branch of public service.

Students who select Political Science as their major subject are advised in general, to take a minor in History, Economics, or Sociology.

1-2. AMERICAN GOVERNMENT AND POLITICS.
Sophomores, Juniors, Seniors *Both Semesters* 3 *hours*

This course is designed to give not only an accurate knowledge of the structure of the government, but also a clear understanding of the government in operation. A study is made of the national, state and local government in the United States. The first semester is devoted primarily to the study of the Federal government, the second semester to state, local and municipal government. In the latter part of the second semester special consideration will be given to party practices and practical politics. This is a basic course and serves as a prerequisite to most of the succeeding courses. Text: Beard, "American Government and Politics" and "Readings in American Government and Politics."

3. INTERNATIONAL LAW.
Prerequisite, 1-2 *or* 6-7 *Second Semester* 3 *hours*

An introduction to the general principles of international law. Emphasis will be laid on the development of arbitration and the problems arising out of the recent World War International incidents will be assigned for investigation and report. Not given 1920-21.

4. GOVERNMENT OF AMERICAN CITIES.
Prerequisite, 1-2 *advised* *First Semester* 2 *hours*

A study of the organization and administration of city government in the United States. Comparison will be made with the governments of European cities. Emphasis will be laid on modern municipal problems. Each student will be expected to investigate a special municipal problem. Text: Munro, "The Government of American Cities." Not given 1920-21

5. AMERICAN CONSTITUTIONAL LAW.
Prerequisite 1-2 *First Semester* 3 *hours*

This course is designed for the student of government. rather than for the lawyer. The aim is to acquaint the student with evolution of the Federal Constitution and Constitutional Law through a study of the principles of interpretation employed by the courts in rendering their decisions in the leading cases. and to give the student a practical knowledge of Constitutional Law as it is today. Familarity with American Political History is

important for those who elect this course. A text will be followed, and leading cases will be assigned for study and discussion. Not given 1920-21.

6-7. MODERN GOVERNMENTS AND POLITICS.

Juniors and Seniors *Both Semesters* *2 hours*

This course is designed to give the student an intelligent basis for interpreting the political and social movements in the leading States of the world, and the problem of government in face of these movements. The first part of the course deals with the fundamental "problem of government as a problem." The second part of the course deals with the methods of meeting this problem as seen in the spirit, form and structure of governments of typical modern States. The functioning of political parties, and various current demands for reform are analyzed and discussed. A text will be used with lectures, assigned readings and reports.

8. AMERICAN FOREIGN RELATIONS AND WORLD POLICIES.

Juniors, Seniors. *First Semester* *3 hours*

This course is a study of American diplomacy from the period of the Revolution to the present time. It gives special attention to the peculiar contribution of the United States to international politics. Such policies as the Monroe Doctrine, the policy of the "open door", of "non entangling alliances" are given careful consideration in relation to the policies of the World War, the League of Nations and the Peace Settlement.

Familiarity with American Political History is important for those who elect this course. Text, assigned readings, and reports.

9. POLITICAL PHILOSOPHY AND POLITICAL THEORIES.

Juniors-Seniors *Second Semester* *3 hours*

This course undertakes a study of the spiritual and material forces which have found their expression in the contributions of the leading political philosophers from the Greek School to the present time. The aim is to give the student a perspective view of the march and struggle of the ideas that are influential in moulding our present conception of the true function of Government. The influence of Christian ideals are given special consid-

eration. Toward the end of the course, an analysis of the various schools of Socialism and Anarchism will be made. See Philosophy (13). Lectures, assigned readings, and reports.

10. ELEMENTS OF POLITICAL SCIENCE.

Sophomores, Juniors, Seniors, Second Semester 2 hours

This course gives the student an introduction to the general field of the Political Science. It treats such subjects as the origin and nature of the State, the form of the State, the relation of states to one another, the liberty of the individual, the form and structure of Government, and the Province of government. Individualism and Socialism are given attention in connection with some modern theories of the State. A text will be used, with assigned readings and reports. Not given 1920-21.

11-12. CONTEMPORARY POLITICAL AND SOCIAL PROBLEMS.

Open course First Semester 1 hour

The aim of this course is to create in the student a vital interest in current political, social, and economic problems. Students are encouraged to read magazines of various shades of opinion. The class is an "open forum." Each student is required to subscribe for a standard magazine of his own selection. Lectures, reports, and free discussion.

12. CONTEMPORARY POLITICAL AND SOCIAL PROBLEMS.

Open course Second Semester 1 hour

This is a continuation of Course 11. Election in Contemtemporary Political and Social Problems is limited to two hours of credit, except by special permission from the head of the Department.

SOCIOLOGY

1. INTRODUCTION TO THE STUDY OF SOCIETY.

Juniors-Seniors First Semester 3 hours

This course is primarily a study of social evolution. The origin and development of social institutions and their effect on the whole social life are considered. Special attention is given to the development of social ideals, the means of social control, and the organic unity of society. A text will be used, and special readings assigned.

2. SOCIAL PATHOLOGY.

Prerequisite 1 *Second Semester* 3 *hours*

This course considers the problems of poverty, crime, degeneracy, defectives, the sex problem, and the various theories as to their causes and remedy. A paper will be required in this course.

A text will be used, and special readings will be assigned.

3. PRACTICAL SOCIOLOGY.

Sophomores *First Semester* 3 *hours*

This course aims to give the student a knowledge of the social problems that confront our National life through a study of a cross-section of society as it exists today in the United States. The course deals with some characteristics of social life in general, the life in the family group, the social life in the rural community, social life in the city, and social life in the nation. This is a practical course for the individual who wishes to function as a community leader. This Course is designed especially for students in the Normal Department. A text will be used, with assigned readings and reports.

4. IMMIGRATION.

Prerequisite 1 *or* 3 *Second Semester* 3 *hours*

This course is a survey of the foreign population that has come to America during the last century, and a consideration of the perils presented, in the failure of the "melting pot". The various programs for assimilation are given careful attention. A text is used with assigned readings and reports.

5. THE RURAL COMMUNITY.

Prerequisite, 1 *or* 3 *First Semester* 2 *hours*

A study of the physical, economic and social conditions of life in the rural community. Agencies that will make the rural life more attractive are considered. Such subjects as the rural church, rural education, and the rural community center, are given special attention. A text will be used with assigned readings and reports. Not given 1920-21.

6. POLITICAL SCIENCE AND SOCIOLOGY SEMINAR.

By permission *First Semester* 3 *hours*

This course is open to limited number of approved stu-

dents majoring in this department. The purpose is to give practical training to students who wish to fit themselves for leadership in community welfare work. Special preference will be given students taking Oratory 5 or 20.

7. POLITICAL SCIENCE AND SOCIOLOGY SEMINAR.
By permission *Second Semester* 3 *hours*
A continuation of Course 6.

8. SOCIAL PRINCIPLES OF EDUCATION.
Prerequisite *Second Semester* 3 *hours*
For description of this course see Education 8.

9. LABOR PROBLEMS.
Prerequisite 1-2 *or Economice* 1-2 *Second Semester* 3 *hours*
The labor problem is treated as a development in the evolution of society growing out of modern economic conditions. Association, organization, and cooperation as seen in trade unionism is given careful consideration. The social effects of the wage system, the sweat shop, hours of labor and of liesure are discussed. A text will be used with lectures, and a large amount of assigned readings. Not given 1920-21.

DEPARTMENT OF ROMANCE LANGUAGES

Professor Mary E. Sharp
Assistant Anna M. Rentsch

1-2. FRENCH I.
Beginner's Course. *Both Semesters.* 4 *hours*
This course is conducted entirely in French from the start. In the first semester, Meras' "Premier Livre"is completed; and in the second semester, Meras' "Second Livre" and also "Petits Contes de France." Daily drill in pronunciation, grammar and conversation. By use of objects, pictures, etc., a practical vocabulary is systematically built up to supplement the vocabulary of the text.

3-4. FRENCH II.
Prerequisite, 1-2. *Both Semesters.* 4 *hours*
Review of Grammar, Conversation. Dictation, Rapid reading of a number of texts, such as "La Chute." "Le Carnet d'un Officer Francais," Moliere's "Gentilhomme," Racine's "Athalie."

etc. Composition based upon the reading. Reproduction in class of scenes from the plays read. A minimum of three hundred pages of outside readings required. Recitation conducted in French.

5-6. REPRESENTATIVE POETRY.
ADVANCED FRENCH PROSE.

Prerequisite, 4. *Both Semesters.* 3 *hours*

Duval's "L'Histoire de La Literature Francaise." Study of Moliere, Corneille, Racine, Hugo, Lamartine, De Musset, etc. Outside readings with reports in class on books read.

7-8. TEACHING OF FRENCH.

Course for Seniors. *Both Semesters.* 1 *hour*

A course for prospective teachers of French in secondary schools.

SPANISH

1-2 SPANISH I.

Beginners Course *Both Semesters* 4 *hours*

Essentials of grammar and composition, Daily practice in conversation. Reading of 200 pages of easy prose.

3-4 SPANISH II.

Prerequisite 1-2 *Both Semesters* 4 *hours*

Review of grammar. Spanish short stories. Reading of selections from prominent 19th century writers. Written and oral reproduction of the texts read.

5-6. COMMERCIAL SPANISH.

Prerequisite 1-2 *First and Second Semester* 2 *hours*

Practice in writing business letters of various types. Reading of a text on Spanish-American life. Reports from outside commercial reading.

DEPARTMENT OF SOCIOLOGY—
(See Economics and Sociology)

DEPARTMENT OF SPANISH—(See Romance Languages)

SCHOOL OF ART

Miss Sara Allison Gray

The training of the eye and of the hand is an important part of a finished education, and should not be neglected. That knowledge of form and color which should be developed in all students may best be attained through a course in Drawing and Painting. For the accomplishment of these ends, the School of Art offers the following courses:

1. FREE-HAND DRAWING.

The work in Drawing embraces Pencil, India Ink, Crayon, Charcoal, and all Black and White Work. The work is given in two years.

First Year—Drawing in outline from objects, nature and sometimes from the flat copy, from casts, and from still life.

Second Year—Study in charcoal from life, color study from still life, life, and nature.

2. PAINTING.

The course in Painting includes landscape, fruit and flowers in oil. Pastel, and water-colors, and also includes china-painting in conventional and naturalistic designs.

Tuition per Semester

Painting, 12 hours a week	$15.00
Painting, 6 hours a week	8.00
Free-Hand Drawing, 3 lessons a week	5.00

SUMMER SCHOOL

PURPOSE OF THE SCHOOL

Muskingum College recognizing the need of those who are unable to attend college through the year or who wish to hasten the completion of their course has maintained, for many years, a well organized Summer School. The work done may be divided as follows:

I. Elementary Normal Work—3 terms, 6 weeks each.

II. College Normal Work—3 terms, 6 weeks each.

III. High School Work—one term of 8 weeks.

IV. College Credit Work—one term of 8 weeks.

Music, Art and Public Speaking—8 weeks.

The first prepares the student for admission to the county examination.

The second presupposes a first grade high school education and one year gives the student a county certificate without examination.

The third class of work gives opportunity to high school students to make up work and hasten their graduation.

The fourth class of work is for those who find it necessary, for one reason or another, to do part of their college work during the summer.

THE NORMAL COURSES

The Muskingum Summer School is on the recognized list of the State Superintendent of Public Instruction, whose specific requirements will be met.

The Normal Work of the Summer School is designed to meet the needs of those who are teaching or contemplating teaching and who desire a thorough drill in the Common Branches and methods of teaching them. It is also the aim of the college to make this work of such standard as to be credited a part of the regular Normal training courses. The work is presented in such a way as to give a thorough drill in the subject matter. At the same time present methods of teaching receive strong emphasis. Subjects in Education and School Administration and School methods form a prominent part of the work.

HIGH SCHOOL AND ACADEMY SUBJECTS

Courses are offered in the following subjects: Algebra, Geometry, Arithmetic, Latin, German, French. History—American and European—American and English Literature, Rhetoric, and Physics. In several of these subjects the needs of course will be organized. It is the aim to satisfy the needs of all. Courses will be adjusted to the demand.

COLLEGE SUBJECTS

Many teachers desire to complete their educational requirements for a state life certificte. Others wish to complete their work for a degree. The Muskingum College Summer School offers a splendid opportunity to do such advanced work. In the eight weeks, nine hours of college credit can be secured. Such courses as the following are offered: High School Methods, School Organization and Law, History of Education, Principles of Education, Psychology, History of Elementary Education,, Economics, Political Science, Sociology, Chemistry, Latin, French, German, Biology, English Composition, Survey of English Literature, Public Speaking, etc. A full description of these courses will be found elsewhere in this catalogue. High School teachers who have not yet secured their degree are particularly urged to make use of this opportunity. Never has there been a time when there was such a demand for the college graduate, not only in the teaching profession, but in all others. We invite correspondence with reference to any college subjects desired during the summer term. Effort will be made to satisfy the needs of all.

THE CONSERVATORY OF MUSIC

The regular work along this line will be offered during the Summer School. This work consists of regular private lessons in Piano, Voice, Pipe Organ, Violin. In addition, classes will be organized in Harmony, Musical History, Public School Music and Chorus.

Occasionally there will be student recitals, open to the public. Term recitals, orchestra, song and piano recitals by the teachers, etc.

Tuitions for the Summer School.

First Year Normal Subjects,
Six Weeks Terms, each $10.00
High School Subjects, eight weeks
one or two half units, each 7.00
three half units, each 6.00
College Subjects, eight weeks,
seven or less semester hours, per hour 2.25
eight or nine semester hours, per hour 2.00

Note—a laboratory fee is charged in science courses.

Conservatory of Music, eight weeks,
Applied Music, one lesson per week..... 10.00
Applied Music, two lessons per week..... 18.00
Applied Music, three lessons per week..... 24.00

Lessons for the six weeks term in proportion.

For further particulars see the regular Catalogue.

Board and Rooms for the Summer

Nearly all students board in clubs at Muskingum. This method is cheaper and, on the whole, much more enjoyable than private boarding. The students in a club pay the lady conducting it for her work. The cost per individual is in most cases one dollar per week. Provisions are purchased on account for a period of two weeks. Bills are then collected and the cost per-meal determined. The amount assessed each student is in proportion to the number of meals he has eaten. In spite of high prices some of the clubs during the present year have held their provisions cost to $3 and below. Other clubs have purchased more freely and their cost has run from $3.50 to $3.75. The cost during the summer is usually lower.

The supply of rooms for the summer is ample so that the students can be sure of securing comfortable and convenient rooms after they arrive. When requested to do so, the Director of the Summer School will engage rooms for students, subject to their approval on their arrival but he prefers for the students to make their own selection, as greater satisfaction usually results from this plan. The best rooms, well located and equipped with

electric light and bath, rent for $1.25 per individual with two in room. Rooms somewhat less favorably located may be obtained for $1.00 per individual. Where the student prefers to room alone the charge is somewhat higher. No charges for extras are permitted.

The total expense for a term of six weeks will depend largely on the personal habits of the student.

CONSERVATORY OF MUSIC.

J. KNOX MONTGOMERY, D. D., President
EZRA H. F. WEIS, Mus. G.
Director of the Conservatory
FRANCES SEDDON
Voice, Sight Singing, Music History, Public School Music.
WILLIAM WISHART GRAY
Violin, Orchestra
ESTELLA McCARTNEY
Pianoforte, Kindergarten
MILDRED WHITE
Pianoforte

Public School Music

AIMS

The aim of the Muskingum College Conservatory of Music is to foster a love for good music, to give its students the advantage of the best professional training, to form habits of industry and perseverance and love for the exact truth; and in these and other ways to exert a beneficial influence upon her students and the entire section from which they come.

Music requires much special study; and a full, and well-trained mind must be brought to bear upon the interpretation of master works both ancient and modern. In order to do this a thorough knowldge of the theoretical side of music is necessary as well as extended technical training.

The Conservatory of Music is an integral part of the Colleg, the social and intellectual life which the students enjoy.

PLAN OF INSTRUCTION

The general plan of instruction is similar to that of the best European and American conservatories. Complete courses are offered in Pianoforte, Pipe Organ. Voice, Violin, Harmony, Counterpoint, Canon, Fugue, Analysis, Composition and History of Music. Courses are also offered in Chours Singing and ensemble.

Students are free to enroll in special courses or for a prescribed course leading to a diploma of graduation which is grant-

ed by the Trustees of the College. The prescribed course includes all the courses in Theory (Music Science hereinafter described) and special courses in two subjects one of which must be Piano and other Singing, Violin or Organ.

Not only in class work, but in public recitals, candidates must show a high degree of proficiency in one of the subjects chosen and a fundamental knowledge of the other. In this minor subject, at least two years' work will be required.

To graduate, a student must maintain an average of 70 per cent or above in each course taken.

Students not taking the course leading to a diploma are permitted to enter the conservatory at any time and pursue such studies as they may desire. When such a student leaves the institution a certificate will be given showing the amount of work done, provided that not less than one semester's work has been satisfactorily completed.

REGULATIONS

All conservatory students are subject to the regulations of the College, which are few and simple, appealing to the student's self-respect and personal responsibility. Students not amenable to this mode of discipline are not permitted to remain in the institution.

All matters of business connected with the Conservatory must be transacted at the conservatory office. The Director may be consulted there at stated periods each day.

Students may begin at any time, but will not be enrolled for a shorter period than the end of that semester in which they register.

Tuition must invariably be paid in advance to the College Treasurer, and no deduction will be made for absence from lessons, except in the case of prolonged illness of not less than two week's duration, when the loss will be shared equally with the student.

Students taking two hours of work a week in the Conservatory are allowed four hours of work in college without extra tuition.

Students entering after the opening of the semester will be charged pro rata except that no allowance will be made for absence from the first week of any semester. Also, no rebate will

be made to students for the last week of the school year. Lessons occuring on holidays will not be given.

In case of expulsion from the Conservatory no money will be refunded or certificte of credit be allowed.

Pupils are required to attend their lessons regularly at the appointed hour. Attendance at lectures, recitals, concerts, etc., is considered a part of school duties. All students in the Conservatory are required to attend Choral Society, unless excused by the Director.

All college students should consult with the Director as advisor in their courses of study for each semester.

Students are not permitted to take part in public musical performances outside the Conservatory without the permission of the Director. This does not include the regular meetings of the Literary Societies.

Unsatisfactory work, bad conduct, or unpaid bills may subject a student to dismissal at the discretion of the Faculty.

CLASSIFICATION AND CREDITS

Candidates for a diploma must present credits of a course of literary study, equivalent to that of the college entrance requirements, as set forth in the Muskingum College Catalogue. Exception can only be made to this rule by vote of the Faculty when students have more than the required music credit.

Hour for hour credits to the number of ten will be given in the College for theoretical work done in the Conservatory where two lessons or more per week are taken.

Students not having completed High School may in addition to their musical subjects make up sufficient credit in the Academy for college entrance.

Four years of the course outlined below, together with the required theory is required for graduation, but this must not be understood to mean that graduation invariably follows four year's work, nor does it mean that a student is dull or lacking in talent if more time is required to complete the course. Musical talent shows itself in such various ways and under such different form that it is impossible to predict the exact length of time required to graduate.

The following is a general outline:

FIRST YEAR.

Sight-singing (1-2)
Dictation and Ear-training (3-4)
Harmony (5-6)
Private Lessons.
College Subject
Physical Training.

SECOND YEAR.

Chorus
Harmony (7-8)
Form and Analysis (9-10)
History of Music (11-12)
Private Lessons
College Subject
Physical Training (Optional)

THIRD YEAR

Chorus
Theory of Music (13)
Instrumentation (14)
Counterpoint (15-16)
Harmonic Analysis (17-18)
Private Lessons
College Subject (Optional)

FOURTH YEAR.

Counterpoint (19)
Strict Composition (20)
Composition (21-22)
Appreciation (23-24)
Private Lessons
College Subject (Optional)

PIANOFORTE

A systematically developed technical foundation is the first requisite in modern pianoforte playing. This is accomplished by the use of carefully selected and graded technical exercises,

which are designed to give control to the muscles of the fingers, hands and arms, making them responsive to the commands of the will, without which artistic results cannot be attained. At the same time the musical and aesthetic development of the student receives the most careful attention.

Preparatory

Free Technic (hand development), including Scales, Arpeggois, etc. Studies by Gurlitt, Berens, Loeschorn, Kohler, etc. Sonatinas and pieces by Lichner, Diabelle, Reinecke, and others.

First Year

Technic continued. Etudes by Duvernoy, Heller, Kohler, Krause, Bach, Little Preludes and Fugues, Sonatas by Clementi, Kuhlau and others. Graded solo pieces.

Second Year

Technic continued. Etudes by Czerny, Doring, Kraus Bach, Inventions. Sonatas by Haydn, Mozart and others. Solo pieces by modern composers. Two lessons per week required. Public performance.

Third Year

Advanced technic. Etudes. by Czerny, Clementi, Tausig Philip, Bach, Well Tempered Clavier. Sonatas by Mozart and Beethoven. Solo pieces by classic and modern composers. Two lessons per week required. Public performance.

Fourth Year

Larger works of Bach, Chopin Etudes, Schumann, Liszt and Brahms. Later Beethoven Sonatas. Special selections from the modern schools and American composers. A standard concerto. Recital.

VOICE CULTURE

True cultivation of the voice consists in the correct development of pure tone placement, and its easy and natural use and control in singing. In order to accomplish this, two things are of utmost importance: correct use of the breath, and proper support of the tone by the muscles of the body. A higher ideal is aimed at than the perfection of mere mechanical skill, viz: a

musicianly style of singing and all that is implied in the term "Interpretation," together with a thorough appreciation of the best works of the masters, both old and new.

The time required to finish the course will depend largely upon the physical and mental endowment of the student, and the amount of work done before enrollment in the Conservatory.

First Year

Breath exercises, tone formation, vowel studies, study of liquids, consonants and mutes, equalization of registers, purity of intonation. Vocalizes by Abt, Siber, Concone, etc. Easy songs by German, English and American composers.

Second Year

Studies in Legato, Staccato, Phrasing, etc. Vocalizes by Concone and Marchesi, Songs, Ballads, Sacred Music.

Third Year

Studies in Major and Minor Scales, Turns, Trills, Arpeggios, Colorature Exercises, Vocalizes by Panofka and Marchesi, Songs of moderate difficulty by classic and modern composers. Two lessons per week and Junior Recital in major subject.

Fourth Year

Chronic Scales, Turns, Trills, Arpeggios (Legato and Staccato) with increased rapidity of execution. Vocalizes by Panofka and Marchesi continued. Arias and Cavatinas from French, German, and Italian Operas. Senior Recital in major subject. Two lessons per week are required in the Senior year.

VIOLIN

The Violin department has a very important place in the work of the Conservatory. Students are given a thorough training in technic and interpretation. In the elementary work particular attention is paid to the manner of holding the violin and the bow as well as to the general position of the student while playing. A graceful natural method is insisted upon. The ear is developed so that the student conceives and plays all the harmonies of our musical system.

As soon as the students are sufficiently advanced they are admitted to the Conservatory Orchestra.

First Year

Foundation exercises by Kelley, Wilhelmj-Brown and Hermann; scales by Blumenstengel; etudes, Wohlfahrt, Bohmer Dancla, Kayser, Ries, and Pleyel; compositions, Dancla, Ries, Sitt, Bohm and others.

Second Year

Studies of the second to the fifth position; Hermann and Wilhelmj-Brown; scales, Wilhelmj, Blumenstengel; bow technise, Casorti, and others; etudes, Wohlfahrt, Kayser, Dont and Mazas; compositions, Dancla, Alard, Seitz, Accolay, Viotti and others.

Third Year

Study of all positions, Wilhelmj-Brown; scales, Halir and Hrimaly; etudes, Kreutzer, Dont, Fiorilla and Mazas; compositions, Dancla, Viotti, De Beriot and Wieniawski; concertos, De Beriot, Brugh and Viotti. Two lessons per week and Junior Recital in major subject.

Fourth Year

Scales Halir, Schradieck; etudes, Rhode, Mazas, Rovelli, Gavines, Wieniawski, Leonard and Dont; compositions, Vieuxtemps, Alard, Spohr, Vieuxtemps; Sonatas, Bach, Grieg, Handel, Beethoven. Senior Recital in major subject. Two lessons per week required in Senior year.

ORGAN

The already great and ever-increasing need of competent well-trained organists for the churches and schools of our country leads us to give this department special prominence.

Excellent facilities are provided for enabling students of talent to prepare themselves fully for responsible positions as church and concert organists. The plan of work provides for thorough training in all that pertains to a mastery of the organ, a systematic drill in technics for manuals and pedals separately and combined, vocabularies, registration, etc.

The College possesses two excellent pipe organs for practice, teaching, and concert purposes.

First Year

Studies for pedals and manuals, separately and together, the

same transposed into all keys. Manual exercises in three, four, and five parts, with and without pedals. Special Pedal Technics practiced at various tempos and in all keys. Merkel or Dunham Organ School throughout the year with easy solo pieces.

Second Year

Pedal Studies by Thayer and Merkel, Rheinberger and Schneider, Trios, Bach, Little Preludes and Fugues begun. Solo pieces by classic and modern composers. Accompaning the plain song.

Third Year

Reimann and Armbrust Pedal and Manual Studies, Merkel Etudes, Richter Organ Trios, Bach Little Preludes and Fugues completed. Bach Trio Sonatas begun. Sonatas and selected pieces by European and American composers. Study of Organ Stops and Registration, Art of Accompaning continued. Two lessons per week and Junior Recital in major subjects.

Fourth Year

Lemmens' Organ School, Clemens' Modern Pedal Technic, Bach Trios continued, Bach Great Preludes and Fugues begun, Sonatas by Merkel, Mendelssohn, Rheinberger, and Guilment, selected solo and concert pieces from the various schools of organ composition. Study of the organ mechanism. Two lessons per week required in the Senior year.

THEORY OF MUSIC

To the student the accurate knowledge of the laws of harmony and composition is of the utmost importance. Without this knowledge, no student can truthfully be said to be well educated and cultured in music, nor can he hope to become any other than a performer dependent upon the superior knowledge of his teacher. Recognizing the absolute necessity of a through education in this the *Science* of Music the Conservatory insists upon an exhaustive study in this indispensible requisite.

The scientific course may be had privately at the regular applied music tuition rate. In this case the work may be completed in a much shorter time.

COURSES IN THEORY OF MUSIC

Course 1-2.Sight Singing, Solfeggio, Intervals, Melodies and Part singing. Key relationships and signatures. Two hours per week.

Course 3-4. Ear-training, Consonant and Dissonant intervals, dictation of Melodies, Chords and inversions. Two hours per week.

Course 5-6, Harmony, Notation, Scales, Keys, Signatures, Intervals, Triads, and Chord correction, harmonizing given bases and melodies, chord of the dominant seventh with all its inversions, secondary triads in major and minor with their inversions, dominant major and minor ninth, modulation, piano work, ear training. Two hours per week throughout the year.

Course 7-8. Harmony, secondary seventh chords in major and minor, Chromatically altered chords, enharmonic changes, the suspension retardation, appoggiatura, anticipation, passing tone, embellishment, melodic, figuration, florid melodies, accompaniments, the figured choral, original work, ear training. Two hours per week throughout one year.

Course 9-10. Form and Analysis, Chord reading, Analysis of Hymns, the Section, Phrase, Period, Smaller Forms and Bach Inventions. Two hours per week.

Course 11-12. History of Music. The development of music will be traced from primitive forms, including the music of the Congo tribes in Africa, Chinese, Hindoos, and American Indians through the music of the ancient Greeks to that of modern times.

In the second semester the development of the classic and romantic schools and the growth of the opera and oratorio are studied, together with the lives and works of composers and musicians of note, including those of today; the course is supplemented by musical illustrations to show the general characteristics of the periods under discussion. A considerable amount of outside reading is required. No previous musical knowledge is required. Two hours per week throughout one year.

Course 13. General Theory. The course includes musical rythm, tempo marks abbreviations of notation, embellishments, musical forms, as the suite, sonata, the overature, concerto, symphony vocal forms, including the mass, aria, vocal rondo, strope form

art song, contrapuntal forms and modern dance forms. Acoustics, overtones tempered scale. Two hours per week for one semester.

Course 14. Instrumentation. Study of the Orchestra and individual instruments with exercises in transposition and arrangement. Two hours per week for one semester.

Course 15-16. Counterpoint. Simple counterpoint in the five species in two, three, four and five parts with combinations of these species. Two hours per week for one year.

Course 17-18. Harmonic Analysis. A continuation of course 9-10 leading to Analysis of Beethoven sonatas. Two hours per week.

Course 19. Counterpoint. Strict and Modern styles continuing course 15-16. Imitations, Sequences leading to smaller Fugues in Two parts. Two hours per week one semester.

Course 20. Strict Composition. Writing in all the contrapuntal form beginning with the phrases in Double Counterpoint and ending with a fully developed Fugue. Two hours per week throughout one semester.

Course 21-22. Composition. Development of Phrase—forms in original work using melody and motive styles. The period and group formations leading into song forms. One hour per week.

Appreciation 23-24. Examination of classical compositions in various styles and forms. The standard Oratorios. Symphonies of Haydn, Mozart and Beethoven. One hour per week.

PUBLIC SCHOOL MUSIC COURSE

Graduation from a first grade High-school or the equivalent is required as a prerequisite to this course.

Completion of the course merits a State Provisional Certificate in Public school Music.

Completion of the first year admits to the county Certificate in Music.

First Year

First Semester

Rudiments and Dictation (3)	2
Harmony (5)	2
Public School Music Methods	2
English (1)	2
Psychology (Ed. 13)	3
Physical Education	
Piano (one lesson)	2
Singing (one lesson)	2

Second Semester

Ear training and Solfeggio (4)	2
Harmony (6)	2
Public School Music Methods	2
English (2)	2
Principles of Education (Ed. 14)	3
Physical Education	
Piano (one lesson)	2
Singing (one lesson)	2

Second Year

First Semester

History of Music(11)	2
Form and Analysis (9)	2
Public School Music Methods	2
Observation and Practice	2
Public Speaking (1)	3
Piano (one lesson)	2
Singing (one lesson)	2

Second semester

History of Music (12)	2
Form and analysis (10)	2
Public School Music Methods	2
Observation and Practice	2
School Organization (Ed. 10)	3
Piano (one lesson)	2
Singing (one lesson)	2

Our students have opportunity of observing the courses in actual practice in the New Concord schools by visiting the various grades in company with the teacher, as our instructor is also Supervisor in these schools.

The tuition of the above course is the sum of the fees for the Music subjects listed therein.

POST GRADUATE COURSE

Graduate students will find ample opportunity to pursue their theoretical subjects in the more advanced stages and specialize in their principal applied branches. Special attention will be given to those who wish teaching material and methods during the regular school year as well as in the summer term.

CHILDREN'S PREPARATORY COURSE

That the Conservatory may serve the people of New Concord and vicinity in every way possible, two preparatory courses in piano and violin are offered. In the more elementary course children are received up to and including ten years of age. Very careful attention is given to mastery of rudiments of music position of fingers, hands and arms, scale formation, ear training, etc.

In the second and more advanced course their musical developement is continued until they are ready to enroll as regular students. No student fifteen years of age or over is permitted in this course.

MUSICAL KINDERGARTEN

The Conservatory offers to small children of the district a one year course in musical kindergarten under an experienced graduate teacher. In this course children are taught by kindergarten methods, the names of the lines and spaces with their position on the Keyboard, scale construction, etc. In short, the course prepares them for the first regular lessons in piano.

MUSICAL ORGANIZATIONS

The Conservatory maintains the musical organizations usually found in the best conservatories, as the Choral Society for the study of Oratorio, singing only the highest class of anthems and oratorio choruses at the monthly union services in the auditorium, the Conservatory Orchestra for all who play

sufficiently well upon any orchestral instrument, and the Boys' and Girls' Glee Clubs which contribute so strongly to the musical life of the institution.

RECITALS

In order that the students of the institution may have the opportunity of deriving the benefits to be obtained from hearing good music well rendered, a number of artists' recitals by visiting musicians and the Faculty are arranged throughout the school year.

PRACTICE

Pianos for practice may be secured at reasonable rates by application at the Conservatory office.

The College owns two excellent pipe organs for practice, lessons and concert purposes. The larger one placed in the auditorium and built by M. P. Moller of Hagerstown, Md., has two manuals, a pedal board extending to tenor G., twenty stops, eight couplers and all modern conveniences and accessories.

TUITION AND FEES

The following rates are for one semester:

Piano, Organ, Voice, Violin.

One lesson per week ..... $20.00—25.00
Two lessons per week ..... $35.00—45.00

(Minimum price with assistants, maximum with the Heads of Departments)

Musical Science in Classes.

Courses 1 and 2 ..... $5.00
Courses 3, 4, 9, 10, 11, 12, and 13 ..... 9.00
Courses 5, 6, 7, 8, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24 .. 12.00
Ensemble Fee 5.00
Chorus Fee 1.00

Public School Music Courses are the same rate as above.

Childrens' Piano Classes.

Kindergarten classes, per semester ..... $ 5.00
Up to eleven years of age, one lesson per week 6.00
Eleven to fifteen years of age, one lesson per week 15.00

Beginning fifteen years of age at regular rate.

Piano and Organ Rent

Piano, one hour each day	$ 3.00
Organ, one hour each day	15.00
College incidental fee	5.00
Diploma fee	5.00

Muskingum Academy

FACULTY

JOHN KNOX MONTGOMERY, D. D., President

JOHN GLENN LOWERY, A. M., Principal

THOMAS HOSACK PADEN, Ph. D.
Latin and Mythology.

JEANETTE REED, A. M.
Latin

ELIZABETH FINLEY, B. S. Ed.
French

MARY A. STONE, A. B.
English

GRACE G. McCREARY, A. B.
English and History

WILLARD J. GIFFEN, B. S.
Science

LILLIAN McCOWN, A. B.
History and English

SARAH ELIZABETH BAGGS, A. B.
Mathematics

SUSANNAH McKEOWN, B. S.
Domestic Science

GENERAL INFORMATION

HISTORICAL STATEMENT

This school had its beginning about a century ago. In 1825 a group of citizens founded a school "to give instruction beyond the common schools" and named it the New Concord Academy. In 1837 this school extended its course and was chartered by the General Assembly of Ohio as The Muskingum College, the work of the former Academy being continued as the Preparatory Department of the College. In 1908 the preparatory courses were recognized as fully accredited secondary courses and the college authorities authorized the conducting of formal graduating exercises and the issuing of diplomas.

NEW CONCORD HIGH SCHOOL

The Board of Education of New Concord Village, desiring to give to the resident pupils and to the Boxwell pupils who choose to attend, under the provisions of that law, a good first grade high school course, has made this school, its courses and equipment, the village high school. The Board has elected the academy teachers as the high school teachers and adopted suitable rules and regulations to have the high school work done in the college buildings.

AIMS AND ADVANTAGES

The aims of this school are: First to afford a liberal education of four years for those who may not find it possible to complete a college course. Second to give thoro preparation for those who wish to enter colleges, professional or technical schools.

The advantages offered by this school to those who find it necessary to go away from home to take a high school course are great. It is a fully accredited secondary school—the equal of the very best high schools. Experienced and well prepared teachers have charge of the work. The college equipment and library being accessible for the work adds fullness to the courses. And, not the least important, is the opportunity for a look beyond the high school course. The big question that confronts the young people as they are completing their high school course is: What next, What line of work shall be taken up? The student who is taking his preparatory course in the environs of a college has splendid opportunity to see something of the require-

ments of quite a variety of worthy callings. It helps him decide for what line of work he is most capable. Splendid opportunity is offered for literary and social development—attainments so highly essential to success today. Direct attention is given to the moral and religious influences that surround the student and regular attendance upon church service is required. Chapel exercises are conducted each day and all students are expected to attend. Rooming and boarding rates are very reasonable and the accomodations especially suited to students, as it is a part of the business life of the town to provide such things. These accommodations must meet the approval of the school before the students are permitted to accept them.

ENTRANCE AND CREDITS

Completion of the elementary schools is required as preparation for the first year's work. Work done in other high schools will be excepted, without examination, provided a full statement of the work done, certified by the teacher, is presented. Blanks for this purpose will be furnished. In order that any year subject presented from other schools be given unit credit or any half-year subject be given half unit credit,, it must meet the standards of accredited schools as to amount, quality and time of pursuance, together with such note books and collateral work as is regularly required.

EXAMINATIONS AND REPORTS

Examinations are held at the end af each semester or oftener if the instructor in charge deems it best. Daily class work, written work, notes and examinations form the basis of standing and credit in the work done.

Reports are sent out at the end of each semester giving the standing that the student has made in his work; and if at any time within the semester circumstances arise that make it advisable, the parents are apprised of the studentship and conduct of the student. A represents a grade of 96-100; B, from 90 to 95; C, from 80 to 89; D, from 70 to 79; E, conditioned; F, failure.

Pupils of more than average ability may be permitted to make extra credit, pupils maintaining a standard C, or above may be permitted to carry an extra subject.

TIME REQUIRED

The time required to complete the academy course is regularly four years for those who come directly from the elementary schools, but bright and ambitious students of somewhat greater maturity may by taking some extra work or by attending Summer School complete the course in three years.

GRADUATION

Upon the completion of sixteen units of study in accordance with the outlined courses, together with all other prescribed requirements for graduation, the student will be granted a diploma. A unit is understood to mean a study of four or five class periods per week for the school year, aggregating as a minimum one hundred and twenty clock hours of class room work. Two hours of laboratory work, etc., are to count as one class hour. At least one year's work—the last—should be done in this school.

Graduating exercises, consisting of Baccalaureate service and Commencement exercises, must be attended by all graduates and each must prepare such thesis or other exercise as may be required.

TUITION AND FEES

Tuition per semester	$30.00
Extra hours over 21 per week	1.50
Fee in Physics, per semester	1.50
Fee in Cooking, per semester	2.00
Fee in each of the other sciences, per semester	1.00
Incidental, library, and athletic fee, per semester	6.00

This last fee entitles the academy student to the same privileges as the college student. No student is exempt.

For fifteen or more recitations per week full tuition rates are charged. Students enrolled for less than fifteen hours of recitation per week will be charged $1.50 per hour each semester.

No student will be registered for less than fifteen hours' work without permision of his parents.

Students taking part academy and part college work will be charged a proportionate amount of the two regular rates according to the amount of work taken in each school.

COURSES OF STUDY

The Arts Preparatory Course given below corresponds to the college requirements for entrance to the courses leading to the degree of A. B., the Science Preparatory to the degree of B.S. A full statement of these requirements may be found on an earlier page of this catalogue. The elementary Normal Preparatory may also be considered a general high school course. It meets the requirements of the Ohio high school standards which are as follows:

"Students should select the studies of their high school course in some distinct order. The State Department has set the following standards: All students must have two units of English, two of social science, including history and civics, two of mathematics and one of natural science.

"Further, each student should so select his subjects that he will have completed at least two majors of three units each and two minors of two units each.

The following will be deemed satisfactory major groups: three units of English, three units of foreign language, three units of mathematics, three units of social studies, three units natural science, three units of vocational studies of similar kind. Two units of any one of the foregoing groups of studies shall constitute a minor. Larger freedom of selection is permitted for the remaining six units. This should be governed by the future courses of the student."

OUTLINE OF COURSES

ARTS PREPARATORY	SCIENCE PREPARATORY	EL. NORMAL PREPARATORY
First Year		
Required		
English I.	Same	Same
Beginning Latin.	as	as
Algebra or General Math.	previous outline	previous outline.
General Science.		

Second Year

(Required) English II. Caesar. Plane Geometry or General Math. Ancient or Modern History	(Required) English II. Caesar. Plane Geometry or General Math. (Elective) Ancient or Mod- ern History or Econ. Geog.	Same as previous outline.

Third Year

(Required) English. Cicero. Solid Geometry and Advanced Algebra. (Elective) Modern History Biology. French.	(Required) English. , Cicero or French. Solid Geometry or Advanced Algebra. Modern History, Biology, or Economic Geog.	(Required) English. , Modern History (Elective) Biology Solid Geometry French

Fourth Year

(Required) Virgil. Physics. U. S. History and Civics, or Soc. Prob.	(Required) Virgil or French. Physics. U. S. History and Civics, or Soc. Prob.	(Required) Physics. U. S. History and Civics, or Soc. Prob.
(Elective) Agriculture or Home Econ. French. English.	(Elective) Agriculture or Home Econ. English. Bible History	(Elective) Agriculture or Home Economics French. English. H.S.Arithmetic (½)

Free Hand Drawing should be taken at least one hour per week for the first and second years by all students who have not had drawing in their former school courses. This will give greater ability and ease in the preparation of laboratory notes and drawings so essential in later courses.

Subjects in addition to those outlined above may constitute

a part of the elective units. Students who have done satisfactory work in such subjects as the following may upon the examination of each claim receive not to exccede two units credit: Music, Drawing, Debating, Advanced Arithmetic, certain of the Commercial Subjects, Manual Training, etc.

STATEMENT OF DEPARTMENTS

BIBLE

A general survey of the Bible and of Bible times from the Historic point of view. Blake's Manual of Bible History is used as a text, 1-2 Unit.

ENGLISH

First Year—A standard text is used as a basis for the work of the first year. Careful attention is given to correct forms of oral and written English. Frequent opportunities are given for practice in floor-talks, story telling, and dramatization. Some of the simpler classics are assigned for reading and study. These are made the basis for composition of various kinds. The collection and organization of material is taught. Required readings are selected with a view of teaching the pupils to appreciate good literature.

Second Year—The second year is given to the study of a standard text on Rhetoric and Composition. Punctuation, diction, style, figures of speech, and prosody receive special attention. Theme-writing, paragraph-writing, and impromptu essays are required, with careful criticism of all work done. Selected classics are assigned for reading and report.

Third Year—This year's work is a study of American Literature. The work includes:

1. A through study of a brief text on the History of American Literature.

2. Class study of many selections of the choicest American Literature.

3. Home study of classics assigned for reading and report.

4. Written work including themes upon subjects drawn from the readings, digest of material and reading reports, either in ordinary outline or scenario form.

5. A note book, including outline work.

6. Choice passages memorized.

Fourth Year—The fourth year is given to a study of English Literature. A text book on the History of English Literature is used. Critical study is given to a number of English classics, using the texts prescribed by the college entrance requirements. Others are assigned for reading and report. The idea is to see that four years cover a full line of literary readings and study In the fourth year a closer study is made of figures of speech, poetical form, and memorizing of passages, with a view to cultivating a taste for good literature. Dramatic action, development of plot, ethical purpose, and beauty of form are studied.

FRENCH

First Year—For the course in beginning French Chardenal's "French Course" is used. French is made as far as possible the language of the class-room. Bierman and Frank's "Conversational Reader" and La Belle France" are used as a basis for reading and conversation. Four hours a week throughout the year.

Second Year—A number of books of suitable grade are read, such as "Le Petit Chose" and "Sans Famille," etc. A thorough review of grammar is given. Four hours a week throughout the year.

HISTORY AND SOCIAL SCIENCE

Ancient History—A study of the Ancient and Medieval Nations up to the time of Charlemagne will be made. One year, four hours a week.

Modern History—This is astudy of the leading events and peoples from the time of Charlemagnne to the present. One year, four hours a week.

American History and Government—In this course the emphasis will be placed on the origin and growth of our government, local, state and national. Four hours a week tne first semester.

Civics—This course gives a study of the American Republic, the formation of the government, its functions and operations, and the rights and duties of citizenship. Second semester, four hours.

Social Problems—A course designed to bring the student in

touch with the current social conditions and the movements for their improvement. Pure theory is kept in the background and the facts concerning child labor, crime and its punishment, conservation of natural and human resources, and similar problems are so presented as to prepare the class for more enlightened citizenship.

Economic Geography—This course attempts to explain how man's industries are determined by his environment. The physiographic basis of industry is treated in connection with the industrial facts that are being explained. A wealth of information bringing and effect together— is given concerning the trade, commerce, and industry of the world.

LATIN

The general aim of instruction in Latin is three-fold: First, to give the student a thoro knowledge of the inflections and ordinary constructions of Latin language that he may be able to read Latin of average difficulty; second, to improve the student's mental grasp, develop the power of discrimination, and cultivate an ease and mastery of expression in his own language; third, to enable the student to read the Latin classics with the sense of pleasure that is due them as works of art. The work in this course covers a period of four years as follows:

First Year—This course includes a mastery of the subject matter as given in a standard text. The perception cards are used —one of the latest and most interesting methods of teaching pronunciation, case endings, verb forms, together with a good work ing vocabulary of Caesar. Five hours a week throughout the year.

Second Year—A careful study of Books I-IV of the Gallic War, with especial attention to syntax, word order, and prose composition. In addition, work is required in outlines and synopsis of the wars, together with a study of the customs and history of the period. Four hours a work throughout the year.

Third Year—Four orations against Cataline, and orations for Archias and Manilian war. A more methodical study of grammar is pursued in this course with rhetoric and outlines. together with the historical and political settings of the orations. Four hours a week (including Composition) throughout the year.

Fourth Year—Books I-IV of Virgil's Æneid. The work

of the first semester includes a study of prosody, word derivation, epithets, word order, and constructions peculiar to the poets, together with the more rhetorical figures. That of the second semester continues the work above and lays emphasis upon elegance of translation, mythology, character study, and literary style of Virgil, with the aim of giving the student some conception of the Æneid as a great masterpiece. Four hours a week throughout the year.

MATHEMATICS

First Year—Beginning Algebra. First and second semesters, five hours.

Second Year—Plane Geometry. First and second semesters, four hours.

Third Year—Solid Geometry. First Semester, four hours, Higher Algebra. Second semester, four hours.

Fourth Year—Advanced Arithemetic. A practical review of the principles of Arithmetic in its more advanced phases. Only those students who have had Algebra and Geometry are elgible to take this course. One-half unit.

SCIENCE

General Science—This course consists of recitations assigned readings, demonstrations, laboratory exercises, and class trips. Its purpose is first to develop the scientific method of thinking and investigating the common things of experience without especial emphasis on any one branch of science; second, to give a foundation for a further interest in science and a basis for inteligent selection among the special sciences that may be taken up later.

Biology—This is a one year course that makes a careful study of the fundamental facts of plant and animal life and human physiology. Laboratory exercises are correlated with the class work and carefully prepared notes and drawings are required.

Physics—A year's work based on Millikan and Gale and consisting of lecture demonstrations accompanied and reviewed work four hours per week and coordinated laboratory exercises two hours per week each semester.

First semester—Mechanics, Molecular Physics and Heat.

Second semester—Magnetism and Electricity, Sound and Light.

Elements of Agriculture—A study of the main principles of of Agriculture such as will give a general basis for the further study of it as a trade subject, but at the same time presenting it as a subject that concerns all—a human interest subject, one that touches the daily life of every individual. Laboratory and field work required.

Home Economics—Food Study and Cooking. This course includes a study of of nutrients and their use and arrangement in the diet. The laboratory work consists in the preparation and serving of foods. 2 hours per week recitation and 2 double periods per week laboratory.

Textiles and Sewing—Kinne and Cooley Shelter and Clothing is used as a text. A study is made of the various textile fibers and their uses as well as the hygiene of clothing. The elements of household management are included in this course. 2 hours recitation per week and 3 hours laboratory period for sewing when girls make garments for their own use.

Register of Students

SENIOR CLASS

Baker, Mrs. Lilian Bay (Arts and Oratory)..New Concord, O.
Ballenger, Ray Calvin.....New Concord, .O
Balsiger, Hazel Jane .....Leechburg, Pa.
Barnett, Margaret Mary .....New Concord, O.
Bebout, Susannah Sill (Arts and Oratory Cannonsburg, Pa.
Booker, Lynes Harold .....Magnolia, O.
Booth, Clara Virginia .....Washington, Pa.
Brown, Madge .....East Liverpool, O.
Brown, Paul Vincent .....New Concord, O.
Clark, Ella Mary .....New Concord O.
Cook, Annabelle ..... Huntsville, O.
Culbertson, Cora Lena, (Arts and Oratory)....Altoona, Pa.
Cunningham, Paul Mathew (O. S. U. affiliated course).....
.....New Concord, O.
Danford, John Wesley .....Barnesville, O.
Daw, Seward E. .....Caldwell, O.
Douglass, Marie .....Orrville, O.
Downing, Elsie Ruth .....Emsworth, Pa.
Eakin, Juliet Weller .....Steubenville, O.
Ervin, Fred McLeod .....Xenia, O.
Forbes, Blanche .....New Concord, O.
Ford, Leota.....New Concord, O.
Forrester, Alta Jennette .....Pembersville, O.
Foster, Jean Margaret .....Claysville, O.
Funk, Dallas Hamilton .....Irwin, Pa.
Geyer, Cora Coultrap .....New Concord, O.
Giffen, Dora Eunice (Oratory) .....Antrim, O.
Gordon, Andrew Walker .....Gurdaspur, Punjab, N. India
Graham, Ralph Shaw .....New Concord, O.
Gray, John Stanley .....New Concord, O.
Henderson, Carrie Mable .....Maynard, O.
Hoyle, Mildred .....Cambridge, O.
Jackson, Lyman Ernest.....New Concord, O.
Johnson, Cecil Melvin .....New Concord, O.
Johnson, Myrtle Lillian .....St. Clairsville, O.
Johnston, David Archie .....Hutchison, Kans
Johnston, Thomas Gray .....Hutchison, Kans.
Kerr, Robert Micheal .....Cambridge, New York
Knipe, Lelia Gertrude (Arts and Oratory)....Fairpoint, O.
Kocher, Walter Leslie .....Bellaire, O.
Kyle, Helen Colver .....Hill Top, Ark.
Lowery, Beulah Evelyn .....Rea, Pa.
Malone, Emma.....Washington, Pa.
Martin, Mary Gertrude .....New Concord, O.
Maxwell, Sarah Jeannette .....Cambridge, New York
Melone, Gerald Halsey Vivian .....New Concord, O.
Miller, Leland Merrill .....Pittsburgh, Pa.
Miller, Daniel Dawson .....Smithton, Pa.
Mintier, Wilma McCune .....New Concord, O.
Mitchell, Helen .....Cambridge, O.
McCall, Wallace .....Findlay, O.
McConnelee, Lois .....Punjab, India
McDowell, George Dewey .....Akron, O.

McGranahan, Grace .....Jamestown, Pa.
MacGregor, Martha Eugenia .....Cambridge, O.
McKelvie, Marie Fern (Arts and Oratory) .....
.....Fredericksburg, O.
Nesbitt, Margaret .....Wheeling, W. Va.
Patton, Delma Lenore .....New Concord, O.
Porter, Roscoe Walter .....Baxter, Pa.
Radway, Mae .....Detroit, Mich.
Ramsey, Willa Mareta .....Hubbard, O.
Reed, Faith Wilson .....New Concord, O
Reeder, Florence Graham .....Kittanning, Pa.
Rice, Pearl M'liss (Arts and Oratory)....Philadelphia, Pa.
Steel, George Dewey (O. S. U. affiliated course,) .....
..... Quaker City, O.
Sterrett, Hollis Campbell .....Mount Perry, O.
Taggart, Wallace Bowles.....New Concord, O.
Taylor, Gertrude .....Chicago, Ill.
Tench, Mary Edna .....Leechburg, Pa.
Vorhis, James Thompson .....Monroe, O.
Wallace, Julia Shoop .....Freeport, Pa.
Watson, Clovis Alphonso .....Salesville, O.
Wilson, Frank Merrill .....New Concord, O.
Wilson, Frank Patterson .....Cambridge, O.
Wilson, Ruth .....New Concord, O.
Zediker, Harriet Ruth .....Wylandville, Pa.

JUNIOR CLASS

Aiken, Margaret Ethel .....Bellefontaine, O.
Alexander, Mary ....Neff, O.
Berry, Mary Gertrude .....Millville, N. J.
Best, William Scott .....New Concord, O.
Boyd, Sidney Robert, ...Quaker City, O.
Brown, Ralph Ellis .....New Concord, O.
Caldwell, Harry Palmer .....New Concord, O.
Campbell, Robert Andrew .....Mechanicstown, O.
Carson, Jean .....Bergholz, O.
Chambers, Blanch Elizabeth .....Walton, N. Y.
Cleland, Eunice .....New Concord, O.
Cleland, James Wallace .....Philadelphia, Pa.
Cleland, Ronald Stewart .....New Concord, O.
Cochard, Thomas .....Pittsburgh, Pa.
Davis, James Edgar .....Quaker City O.
Deselm, Wilbur Kirk .....Cambridge, O.
Dickerson, Bessie .....Cumberland, O.
Erskine, Mary Agnes .....West Alexander, Pa.
Evans, George Gordon .....Reynoldsburg, O.
Ferguson, Lois Annetta .....Albequerque, N. Mex.
Ferguson, Warren .....Xenia, O.
Finley, Leander .....New Concord, O.
Finley, Harvy DeCosta .....New Concord, O.
Fulton, Walter Elsworth .....Cambridge, O.
George, Mary Floy .....Bergholz, O.
Gibson, Jesse Merrill .....South Ryegate, Vt.
Gilliland, Gladys .....Reinersville, O
Grimes, Beulah Mae.....New Concord, O.
Hanes, Harold Wilbert .....Sonora, O.
Hart, Alfred Alexander..... Salineville, O.
Hart, Margaret.....Salineville, O.
Hoyle, Helen .....Cambridge, O

Hutchison, Ethel Mae .....Claysville, Pa.
Hutchman, James Edwin .....New Concord, O.
Irvine, Olive Lucile .....Steubenville, O.
Jackson, Ermy Hahn .....New Concord, O.
Johnson, Frank .....Norwich, O.
Johnson, Mary Lucile .....Moundsville, W. Va.
Kirk, Harry Elmore .....New Concord, O.
Knowles, Lehr McCullouch .....New Concord, O.
Laing, Lillias McPherson .....Ingram, Pa.
Mackintosh, Helen Evelyn .....East Liverpool, O.
Martin, Frances Katharine .....New Concord, O.
Merryman, Helen .....Quaker City, O.
Miller, Evelyn Lucretia .....Mt. Pleasant, Pa.
Minteer, Ellinore .....New Concord, O.
Mintier, Anna Margaret .....Smithfield, O.
Montgomery, Robert Nathaniel .....New Concord, O.
Moore, Annalie .....New Concord, O.
McConnelee, Wilbur James .....Punjab, India
McCormick, Robert Nathaniel .....Cambridge, O.
MacGuidwin, Frederick John .....Macedon Center, N. Y.
McKeown, Rosella Craig .....New Concord, O.
McVicker, Fred Roscoe .....Lore City, O.
Nicol, Dwight Alfred .....Indiana, Pa.
Ogilvie, Mary Helen .....East Liverpool, O.
Pollock, Robert Herron .....Aspinwall, Pa.
Rankin, Kate Hamilton .....Minden, Nebr.
Shepherd, Earle Patterson .....New Concord, O.
Steele, Sarah Eleanor .....Wilkinsburg, Pa.
True, Claire Inez .....Byesville, O.
Welch, Sara Martha .....New Concord, O.
White, Miriam .....New Concord, O.
Wilson, William Bruce .....Pittsburgh, Pa.
Wilson, Ross Stevenson .....Ben Avon, Pa.

SOPHOMORE CLASS

Albright, Elroy Strawn .....Irwin, Pa.
Allen, Maynard Coe .....New Athens, O.
Allison, Mary Jane .....McGrann, Pa.
Apple, Harvey .....Monroe, O.
Augspurger, Marie .....Middletown, O.
Baker, Virgil Lyle .....New Concord, O.
Bell, Grace Henrietta .....Cambridge, O.
Bevington, Merle Mowbrag .....Bethesda, O.
Bickett, Mary Eleanor.....Xenia, O.
Blackstone, Della Grace .....New Concord, O.
Brown, Harold Walton.....New Concord, O.
Brownlee, Harold Simpson .....New Concord, O.
Buker, Werner Elmer .....Norwich, O.
Caldwell, Harold .....Crafton, Pa.
Campbell, Willard Donald .....New Concord, O.
Campbell, Daniel Cavitt .....Mechanicstown, O.
Campbell, Beatrice Eloise .....New Concord, O.
Carman, James .....Ingram, Pa.
Cherry, Raymond .....Xenia, O.
Cleland, Helen .....Philadelphia, Pa.
Coltman, Charles Arthur .....Crafton, Pa.
Compher, Sadie Corinna .....Piedmont, O.
Davis, James Daryl .....Eau Claire, Pa.
Dean, Fleming .....Xenia, O.

Donaldson, Helen Marie ..... Carrollton, O.
Doudna, Francis Shipley ..... Cambridge, O.
Dittmar, Charles Arlington ..... Pittsburgh, Pa.
Downie, Janet ..... Freeport, Pa.
Driggs, Wilmer ..... Cambridge, O.
DuBois, Earl Danford ..... Portland, Ore.
Ervin, Ralph Galloway ..... Jamestown, O.
Ewing, Lydia Jean ..... Cambridge, O.
Findley, Orrin ..... Millersburg, O.
Fink, Ollie ..... Zanesville, O.
Fisher, Etta ..... Barnesville, O.
Flesher, Helen Lu ..... Cairo, W. Va.
Forbes, Edna ..... New Concord, O.
Ford, Nancy Jemima ..... New Concord, O.
Fordyce, Mary ..... Cambridge, O.
Frost, Frank Harold ..... Chester, W. Va.
Geyer, Robert Hazlett ..... Norwich, O.
Giffen, Harold Sleeth ..... New Concord, O.
Giffen, Horace Kerr ..... New Concord, O.
Gordon, David Williamson ..... Punjab, India
Gordon, Ethel ..... Bergholz, O.
Graham, James Paul ..... Reynoldsburg, O.
Grassell, Robert Holston ..... Zanesville, O.
Gregg, Abner Everett ..... Belmont, O.
Hamilton, Daniel Minnich ..... Glenford, O.
Hays, Mildred ..... Camden, O.
Henry, Margaret ..... Juniata, Pa.
Hicks, Clifford ..... Zanesville, O.
Hunt, Frank Raymond ..... Gilmore, O.
Hussey, Charles ..... Pittsburg, Kans.
Hutchman, Paul Eugene ..... Pittsburg, Kans.
Johnston, Herrick Lee ..... West Point, Miss.
Jones, Albert Lewis ..... Pittsburgh, Pa.
Jones, Robert Paul ..... New Concord, O.
Keboch, Mildred Miriam ..... Aspinwall, Pa.
Knox, Bernice ..... Glencoe, O.
Knox, Martha ..... Lakewood, O.
Kraeer, Margaret ..... Midway, Pa.
Kyle, Willard Haines ..... Cedarville, O.
Ledman, Thoburn ..... New Concord, O.
Lobaugh, Harold ..... Conoquenessing, Pa.
Loughridge, Rachel ..... Rushsylvania, Pa.
Malone, Anna ..... Washington, Pa.
Malone, Mary ..... Washington, Pa.
Martin, Helene Margaret ..... Akron, O.
Meyers, Maxwell ..... Irwin, Pa.
Miller, Margaret Hunter ..... Elizabeth, Pa.
Mintier, Arthur McCall ..... Flushing, O.
Molden, Margaretta ..... Barnesville, O.
Moore, Isabelle Ruth ..... Butler, Pa.
Moore, Robert Thomas ..... Xenia, O.
Moore, William Ray ..... Utica, O.
Morehead, Mary Bernice ..... New Concord, O.
Morgan, Vashti ..... New Concord, O.
Morrison, Martha ..... Ben Avon, Pa
Moss, Velma ..... Cambridge, O.
Murdoch, George James ..... Cambridge, N. Y.
McAllister, Lois Katharine ..... Waterman, Ill.
McBurney, John Dorman ..... Cambridge, O.

McClain, Robert John ..... Jewett, O.
McCullough, Willis Lindsay .....Steubenville, O.
McDonald, Dwight .....New Concord, O.
McGuire, Frank Warstell .....Tappan, O.
McIver, Jane Lucile .....Noblestown, Pa.
McLaughlin, Howard Benton .....Buffalo, O.
Patton, Robert Dean .....Columbus, O.
Pollock, Lena Catharine .....Fairpoint, O.
Pritchard, Gertrude .....Cambridge, O.
Rankin, George Thomas .....Cambridge, O.
Rankin, Mary Eva .....Minden, Nebr.
Reed, Arthur Grove .....New Concord, O.
Reed, Mary Martha .....New Concord, O.
Rieger, Floyd Cecil .....Conesville, O.
Roberts, Clifford .....Cambridge, O.
Robinson, Charles Erskine .....Wheeling, W. Va.
Roche, William Carver .....Harrisville, O.
Ross, Harold .....Adamsville, O.
Shaw, Loren .....Utica, O.
Shepherd, Flora .....Norwich, O.
Stewart, Harry Byron .....Lore City, O.
Stewart, Emma Lee .....Cambridge, O.
Stiles, Florence .....Cambridge, O.
Thompson, Esther .....White Cottage, O.
Todd, Leslie Jay .....Hendrysburg, O.
Vodrey, John Laughlin .....East Liverpool, O.
Wallace, Arthur Edward .....Cambridge, O.
Wallace, William Winton .....Freeport, Pa.
Watson, Grace .....New Concord, O.
White, Thomas Corwin .....Barnesville, O.
Wilson, Mary Ellen .....Eau Claire, Pa.
Winter, Elizabeth Ellen .....Youngstown, O.
Wishart, Alfred Wilbur .....Pittsburgh, Pa.
Young, Elizabeth Bell .....Birds Run, O.
Young, Florence Eva .....Detroit, Mich.

FRESHMEN.

Addison, Helen .....Cambridge, O.
Alexander, Wilma .....Toronto, O.
Allen, Ray .....Wilkinsburg, Pa.
Allison, James F. .....McGrann, Pa.
Alloway, Lena R. .....Cambridge, O.
Anderson, Oscar T. .....E. Providence, R. I.
Archer, Willard, V. .....Buffalo, O.
Atchison, Florence M. .....Zanesville, O.
Ballantyne, Janet .....Xenia, O.
Banker, Della .....Cambridge, O.
Barton, Frances M. .....Ellwood City, Pa.
Bates, Florence .....Pleasant City, O.
Beighley, Paul .....East McKeesport, Pa.
Bell, John F. .....Carrollton, O.
Bennett, Magel M. .....Quaker City, O.
Birch, Josephine .....McConnellsville, O.
Birthcer, Thelma .....Cambridge, O.
Blackstone, Nellie .....Cambridge, O.
Blake, Josephine A. .....Byesville, O.
Blaney, Robert E. .....Washington, Pa.
Bolon, Gladys .....Cambridge, O.

Booher, Ruth ..... Plain City, O.
Bovard, Mary J. ..... Farrell, Pa.
Brown, Etta ..... Quaker City, O.
Buchanan, Bryan D. ..... Bad Axe, Mich.
Burns, Eugene .....
Burns, Helen S. ..... Sparta, Ill.
Burns, Paul R. ..... Philadelphia, Pa.
Campbell Dorothy ..... Morning Sun, Ia.
Campbell, Fred R. ..... Kenton, O.
Catherman, Clair ..... Youngstown, O.
Chambers, Margaret ..... Pittsburgh, Pa.
Clark, William H. ..... Avella, O.
Collins, Letha R. ..... New Concord, O.
Cope, Esther ..... Barton, O
Cosby, Virgil McC. ..... Ellwood City, Pa.
Cowgill, Ruth M. ..... Spencer Station, O.
Curtis, Isaac W. ..... Summerfield, O.
Daugherty, Donald H. ..... New Concord, O.
Denham, Frieda F. ..... New Concord, O.
Dennison, Margaret C. ..... New Concord, O.
Dickinson, Byron, W. ..... Reinersville, O.
Donaldson, Sara ..... Carrollton, O.
Dougherty, Mary N ..... Newcomerstown, O.
Douglas, Lucile R. ..... Marissa, Ill.
Downing, Marion E. ..... Peebles, O.
DuBois, John J. ..... Bellaire, O.
Edgar, Dorothy ..... Coulterville, Ill.
Espy, Helen ..... Cambridge, O.
Ferbrache, Ruth ..... Cambridge, O.
Fife, Ruth L. ..... Cambridge, O.
Fitch, Charles A. ..... Pleasant City, O.
Forsythe Ralph E. ..... Nen Concord, O.
Fraser, Lewis H. ..... Wellsville, O.
French, Catherine ..... Monmouth, Ill.
Frost, Ralph W. ..... Chester, W. Va.
Gatewood, Florence ..... McConnellsville, O.
Gibson, Caroline ..... South Ryegate, Vt.
Giffen, Robert ..... St. Clairsville, O.
Goff, Evelyn, E. ..... Triway, O.
Goodwin, Martha ..... Cambridge 0.
Graham, Lula M. ..... New Concord, O.
Grassell, Virginia B. ..... Zanesville, O.
Gray, Delbert G. ..... New Concord, O.
Hamilton, Margaret ..... Glenford, O.
Hanna, Grace ..... Hoopeston, Ill.
Hardy, Raymond ..... Cannonsburg, Pa.
Harrison, Freda H. ..... Centerville, Pa.
Harding, Irene ..... Cambridge, O.
Harvey, Margaret ..... Bellaire, O.
Hatch, Louis ..... East Liverpool, O.
Haynes, Darwin, H. ..... Nashport, O.
Hennen, Pearl ..... Cambridge, O.
Heskett, Anna N. ..... Bethesda, O.
Hood, Mary ..... Cambridge, O.
Hutchison, Joseph M. ..... Bellevue, Pa.
Irvine, John E. ..... Steubenville, O.
Irwin, Milton, W. ..... College Corner, O.

Jackson, Iva M. ..... Apolla, Pa.
Johnson, Joseph M. ..... Pittsburgh, Pa.
Kelsey, Hugh E. ..... New Concord, O.
Kenneweg, Christian ..... Pittsburgh, Pa.
Klein, Lucretia G. ..... Reading, Pa.
Killough, Josephine ..... Philadelphia, Pa.
Knight, Jessie J. ..... Quaker City, O.
Kyle, Phillip G. ..... Xenia, O.
Lane, Mary ..... Cambridge, O.
Lawrence, Dana M. ..... Cambridge, O.
Layton, Vernon E. ..... Jefferson, O.
Ledman, Margaret ..... New Concord, O.
Lees, William ..... Pittsburgh, Pa.
Lehmann, Elizabeth R. ..... Belle Vernon, Pa.
Lloyd, Alice E. ..... Cambridge, O.
Louden, Jean R. ..... Canonsburg, Pa.
Lowther, Virginia ..... East Liverpool, O.
Lumb, Alfred C. ..... Zanesville, O.
Lyle, Alfred ..... Flushing, O.
Lyle, Anna ..... Flushing, O.
Mechem, Thelma T. ..... Bethesda, O.
Merryman, Marjorie E. ..... Quaker City, O.
Meyer, Estella ..... Warwood, W .Va.
Miller, Helen E. ..... Barnesville, O.
Miller, Dorothy H. ..... Elizabeth, Pa.
Miller, Eugene ..... Mount Pleasant, Pa.
Miller, Hazel L. ..... Apolla, Pa.
Miller, John N. ..... Chandlersville, O.
Miller, Kenneth Erskine ..... Steubenville, O.
Miller, Marion K. ..... Pittsburgh, Pa.
Milligan, Margaret ..... Cambridge, O.
Milligan, Ralph ..... East Liverpool, O.
Mintier, Wendell R. ..... New Concord, O.
Miskimin, Mildred ..... Newcomerstown, O.
Mitchell, Frank Moffat ..... Cambridge, O.
Moore, Celia ..... Xenia, O.
Moore, Robert D. ..... New Concord, O.
Moore, James L. ..... Pittsburgh, Pa.
Moore, Mary O. ..... Rea, Pa.
Moorehead, Agnes R. ..... New Concord, O.
Morrow, George E. ..... Pittsburgh, Pa.
McCampbell, Harry C. ..... Marysville, O.
McCleary, Florence ..... New Concord, O.
McClenahan, Everett J. ..... Pittsburgh, Pa.
McConnelee, Fred J. ..... Gujranwala, India.
McCullough, Gladys ..... Burgettstown, Pa.
McGill, Mary Elizabeth ..... Gregg, Pa.
McGregor, Harlan ..... Cambridge, O.
McKee, Margaret H. ..... Ninevah, Pa.
McKeever, Madge ..... Xenia, O.
McKibben, James D. ..... Hoopeston, Ill.
McKibben, James W. ..... Reno, O.
Park, John C. ..... Pittsburgh, Pa.
Patton, Josephine ..... Sparta, Ill.
Peacock, Ralph W. ..... Houston, Pa
Pollock, Thomas G. ..... Philadelphia, Pa
Pry, Edith L. ..... Ingram, Pa

Reid, Ronald Baltimore.....Albany, Ore.
Rexroth, Inez M. .....Jefferson, O.
Rice, Myrtle .....Philadelphia, Pa.
Rich, Lavella L. .....Senecaville, O.
Ringland, Ruth .....Cambridge, O.
Rockwell, Robert H. .....Akron, O.
Rogers, Gladys .....Bellefontaine, O.
Rogers, Helen D. .....Pittsburgh, Pa.
Salsgiver, James T. .....Avanmore, Pa.
Sawyer, Eloise .....New Concord, O.
Scott, John C. .....Cambridge, N. Y.
Scott, William W. .....Mount Pleasant, Ia.
Secrest, Melba V. .....Pleasant City, O.
Shane, Norman .....Carrollton, O.
Shaw, Delma B. .....Cambridge, O.
Shelley, Mary G. .....Toronto, O.
Short, Frank R. .....Xenia, O.
Smith, Lena M. .....Cambridge, O.
Stauffer, Jay Warren .....Connelsville, Pa.
Steele, Lydia M. .....Pittsburgh, Pa.
Stewart, Clarence .....Middletown, O.
Stewart, Irene .....Lore City, O.
Stewart, William W. .....Cambridge, O.
Stone, Elizabeth F. .....Cambridge, O
Stoup, Francis H. .....Valencia, Pa.
Sutherland, J. Homer .....Claysville, Pa.
Swan, Reo M. .....Birds Run, O.
Taylor, Harry A. .....Canonsburg, Pa.
Thomas, Ralph W. .....Aspinwall, Pa.
Thompson, Mabel C. .....East Fultonham, O.
Thrall, Fay W. .....Bethesda, O.
Vennum, Gertrude .....Martins Ferry, O.
Vigor, Anna Laura .....Plain City, O.
Warne, Bernice .....Spratt, O.
Watkins, George Clayton .....Ballston Lake, N. Y.
Weber, William L. .....Zanesville, O
West, Lawrence P. .....Fairmont, N. C
West, Leslie T. .....Fairmont, N. C.
Williams, Bessie .....Martins Ferry, O.
Williams, Esther G. .....Buffalo, O.
Willis, Clyde E. .....Cambridge, O.
Wilson, Rosalie M. .....Chase City, Va.
Yehling, Olive Ruth .....Sparta, Ill.
Yolton, Aida Louise .....Midway, Pa.
Young, Mary E. .....New Concord, O.

SPECIALS

Fullwood, James .....Barnesville, O.
Harrison, Gertrude .....Newark, O.
Howell, Mary .....Cannonsburg, Pa.
Hunter, Mrs. Nettie R. .....New Concord, O.
Loomis, Mary .....Bowling Green, O.
Michael, Ray B. .....Weston, W. Va.
McCall, Ora .....Findlay, O.
McCampbell, Ella J. .....Marysville, O.
McElhinny, Velma .....McConnellsville, O.
Oliver, Wayland Wilson .....Senecaville, O.
Seright, Lucile .....New Concord O.

Shane,, Hazel .....Carrollton, O.
St. Clair, Ruth .....Pittsburgh, Pa
Taggart, Martha .....New Concord O,
Watt, Eula .....Greenfield, O...
Wintermantel, Minnie .....Newark, O.

ACADEMY.

First Year

Abbott, Daie Jesse .....Otsego, O.
Brandenburg, Elizabeth Mae .....Lynnhaven, Fla.
Brown, Foster Johnson .....New Concord, O.
Buker, Carl Everett .....New Concord, O.
Cunningham, George Roscoe .....New Concord, O.
Davis, Blanche Irene .....New Concord, O.
Frame, Gladys .....Salesville, O.
Geyer, Lou Anna .....New Concord, O.
Gunn, James Stuart .....Kimbolton, O.
Hammond, Ray .....Otsego, O.
Hanna, Ballard Franklin .....New Concord, O.
Hanna, Eunice Jane .....New Concord, O.
Hicks, John Leland .....Zanesville, O.
Hughes, Robert Alexander .....New Concord, O.
Jerles, Irma Belle .....New Concord, O.
Johnson, Frank Wells .....New Concord, O.
Kelsey, Margaret Mitchell .....New Concord, O.
Kindle, Agnes Grace .....New Concord, O.
Kirk, Harold Holmes .....New Concord, O.
Klein, Marie Geraldine .....Adamsville, O.
Lemmon, Delmar Clifton .....New Concord, O.
Mehaffey, Carrie Belle .....New Concord, O.
Mehaffey, Raymond .....New Concord, O.
Messerschmidt, Dorrel Adam .....New Concord, O.
Mintier, Harold Nichol .....New Concord, O.
Monroe, Eula Flo .....Eagleport, O.
Moore, Esther Lois .....Norwich, O.
Moore, William Gordon .....New Concord, O.
Patton, Helen Elizabeth .....New Concord O.
Payne, Pearl Leota .....New Concord, O.
Rieger, Paul Roller .....Conesville, O.
Roe, Victor Alvin .....Butler, Pa.
Sharrock, Mary Belle .....New Concord, O.
Shepherd, Harold David .....New Concord, O.
Smith, Emma Florence .....New Concord, O.
Waters, Lulu Evelyn .....Otsego, O.
Waddell, Hazel Elizabeth .....New Concord, O.
Waddell, Irene .....New Concord, O.
White, William Wilson .....New Concord, O.
Wilson, Harry Joseph .....New Concord, O.
Yaw, Leland Dayle .....New Concord, O.
Young, Leila Audrey .....New Concord, O.

Second Year

Alley, Mary Sydney.....New Concord, O.
Baird, Laura Mabel .....Lore City, O.
Ballenger, Grace .....New Concord, O.
Best, John Edgar .....New Concord, O.
Blackstone, Frank Bordon .....New Concord, O.
Booth Agnes Genevive .....New Concord, O.

Borton, Loyal ..... New Concord, O.
Davis, Marline Louise ..... New Concord, O.
Davis, Donald Luther ..... New Concord, O.
Dew, Winifred ..... New Concord, O.
Fairchild, Wilbert Grant ..... New Concord, O.
Ford, Earl William ..... Cambridge, O.
Gibson, Mary Inez ..... Kimbolton, O.
Gibson, Edna Mae ..... New Concord, O.
Giffen, Evangeline ..... New Concord, O.
Given, Harry ..... New Concord, O.
Grimes, Lois Clarissa ..... Kimbolton, O.
Harry, George ..... Waynesburg, Pa.
Law, Alice Mabel ..... New Concord, O.
Lemmon, Wilma Leola ..... New Concord, O.
McCormick, William Patterson ..... Cambridge, O.
McFetridge, Mary Reid ..... St Clairsville, O.
Martin, Eugene Houseman ..... New Concord, O.
Merryman, James Arthur ..... Quaker City, O.
Merryman, Mary Lucile ..... Quaker City, O.
Miller, Charles Dugan ..... New Concord, O.
Mock, Alice Elizabeth ..... New Concord, O.
Montgomery, Luther Alexander ..... New Concord, O.
Morgan, Edward Howard ..... New Concord, O.
Morris, Irene ..... New Concord, O.
Neptune, Elma Jenesta ..... Quaker City, O.
Noble, John Leo ..... New Concord, O.
Payne, Genius ..... New Concord, O.
Rankin, Clifford Andrew ..... Cambridge, O.
Reed, David Paul ..... New Concord, O.
Rice, Lillian Anna ..... New Concord, O.
Shepherd, Frank Leonard ..... New Concord, O.
Slater, Paul Dwight ..... Adamsville, O.
Taggart, Donald Davidson ..... New Concord, O.
Thompson, Lilian Roena ..... New Concord, O.
Thresh, Mary Elizabeth ..... Otsego, O.
Tromans, Gladys Olive ..... Philadelphia, Pa.
Wallace, Virgil ..... Winterset, O.
Watson, Helen ..... New Concord, O.
Watson, Elizabeth Mae ..... New Concord, O.
Wilson, Margaret ..... New Concord, O.
Young, Ruth ..... New Concord, O.

Third Year

Adams, Renrick Glenn ..... Kimbolton, O.
Adams, William ..... Kimbolton, O.
Booth, Josephine Elizabeth ..... New Concord, O.
Brown, Helen Juliet ..... New Concord, O.
Brothers, Helen Gould ..... Claysville, O.
Cox, William ..... New Concord, O.
Cunningham, Margaret ..... New Concord, O.
Denham, James Virgil ..... New Concord, O.
Douglas, Mary Isabelle ..... Petroleum, W. Va.
Finley, Grace Esther ..... New Concord, O.
Forsythe, Eva Irene ..... New Concord, O.
Garner, William ..... Cambridge, O.
Giffen, William Martin ..... Antrim, O.
Given, Mary Hazel ..... New Concord, O.
Gorrell, Homer Dale ..... New Concord, O.

Groves, Elizabeth ..... New Concord, O.
Hagopian, John ..... New Concord, O.
Harper, Lawrence Watson ..... South Olive, O.
Henry, Ned Oronto ..... Assuit, Egypt
Keating, Joseph ..... Philadelphia, Pa.
Livingston, John Philip ..... Columbus, O.
McBride, John Vance ..... Pittsburgh, Pa.
McCall, Justus Dunbar ..... New Concord, O.
McCance, Louise ..... New Concord, O.
McCormick, Mary Estaline ..... Cambridge, O.
Maxwell, Eva Charlotte ..... Chandlersville, O.
Melone, Vera Lorena ..... New Concord, O.
Montgomery, Paul Spencer ..... New Concord, O.
Morrow, Velma Ray ..... Quaker City, O.
Neptune, Howard Forrest ..... Quaker City, O.
Smith, Ruth Nannie ..... New Concord, O.
Smith, Walter Bryan ..... New Concord, O.
Smock, Edith Mary ..... New Concord, O.
Sterrett, Frederick John ..... Mt. Perry, O.
Thompson, Donald William ..... East Fultonham, O.
Williams, Silas ..... New Concord, O.
Young, Pearl Leota ..... Birds Run, O.

Fourth Year

Baker, Elsie Marie ..... New Concord, O.
Ballenger, Frank Edward ..... New Concord, O
Barnett, William McClelland ..... New Concord, O.
Bendure, Marian Clara ..... Zanesville, O.
Berry, Helen Isabelle ..... New Concord, O.
Best, Sarah Nancy ..... New Concord, O.
Borton, Homer Thompson ..... New Concord, O.
Brock, Raymond Virgil ..... Norwich, O.
Buker, Thirza ..... Otsego, O.
Denham, Mary Elizabeth ..... New Concord, O.
Duff, Hazel Mae ..... New Concord, O.
Freeland, John Franklin ..... Waynesburg, Pa.
Gegler, Henry Steese ..... Philadelphia, Pa.
Gibson, Mary Florella ..... South Ryegate, Vt.
Giffen, Lois ..... New Concord, O.
Gillis, Paul McBride ..... Pittsburgh, Pa.
Gray, Frances Elizabeth Willard ..... New Concord, O.
Grimes, Dean Whitam ..... New Concord, O.
Groves, Ellen Jane ..... New Concord, O.
Hanna, Lena Belle ..... New Concord, O
Jamison, Esther Mary ..... New Concord, O.
Kelsey, Mary Elizabeth ..... New Concord, O.
Lawrence, Homer Eugene ..... Blue Rock, O.
McConagha, Mary Alice ..... New Concord, O.
Martin, Dora Elizabeth ..... New Concord, O.
Morrow, Anna Margaret ..... Quaker City, O.
Reed, Walter Haskell ..... Sarahsville, O.
Robinson, Mary Cecile ..... Lore City, O.
Shepler, John ..... New Concord, O.
Smith, Harold Campbell ..... Georgetown, Pa.
Smith, William Paul ..... Quaker City, O.
Tromans, Nellie Evelyn ..... Philadelphia, Pa.
Webster, James Elias ..... Norwich, O.
Williams, Charles ..... New Concord, O.
Wilson, Dorothy ..... New Concord, O.
Young, Raymond Smith ..... New Concord, O.

SPECIAL (Academy)

Bennett, Mary Florence ..... Cambridge, O.
Boarden, Frank ..... Malta, O.
Bryant, Olive Virginia ..... St. Clairsville, O.
Carpenter, Doris ..... Powhatan, O.
Curtis, Isaac Wilson ..... Summerfield, O.
Eby, Harry Kammer ..... Aspinwall, Pa.
French, Catherine Elizabeth ..... Monmouth, Ill.
Green, Lucy Myrtle ..... Armstrongs Mills, O.
Hatch, Louis Albert ..... East Livepool, O.
Kenneweg, Christian ..... Pittsburgh, Pa.
Klein, Lucretia ..... Reading, Pa.
Knowles, Allen Clark ..... Mount Vernon, O.
Lake, Clara Olive ..... Cambridge, O.
McKibben, James Weston ..... Marietta, O.
Malone, Anna ..... Washington, Pa.
Malone, Mary ..... Washington, Pa.
Monfort, Roberta ..... Zanesville, O.
Moore, Blanche Gail ..... Pleasant City, O.
Osler, Florence Grace ..... New Concord, O.
Park, John Crawford ..... Pittsburgh, Pa.
Payne, Thelma Gladys ..... New Concord, O.
Pryor, Bernice Blanche ..... Cambridge, O.
Reiger, Floyd Cecil ..... Conesville, O.
Reynolds, Laura ..... East Liverpool, O.
Ringer, Verna Ione ..... Cambridge, O.
Scott, Nola ..... McConnellsville, O.
Van Dyne, Wilda Pearl ..... Jacobsburg, O.
West, Leslie Tunnell ..... Fairmont, N. Car.

ART PUPILS

Augspurger, Marie ..... Middletown, O.
Bendure, Marian ..... Zanesville, O.
Chambers, Blanche ..... Walton, N. Y.
Duff, Elizabeth ..... Ottawa, Kan.
Ervin, Fred M. ..... Xenia, O.
Folkert, Alta ..... Guernsey, O.
Fordyce, Mary ..... Cambridge, O.
Gregory, Mrs. Blanche ..... Rix Mills, O.
Gregory, Dorothy ..... Rix Mills, O.
Groves, Ellen ..... New Concord, O.
Groves, Elizabeth ..... New Concord, O.
Johnson, Mrs. Alice Teener ..... New Concord, O.
Lemmon, Wilma ..... New Concord, O.
McCall, Mrs. Ora ..... Findlay, O.
McConelee, Lois ..... Sarghocta, India
McCullough, Gladys ..... Burgettstown, Pa.
McFarland, Janette ..... Cambridge, O.
Miller, Margaret ..... Elizabeth, Pa.
Minteer, Wendel ..... New Concord, O.
Stone, Mary A. ..... Cambridge, O.
Wilson, Ruth ..... New Concord, O

S. Gray, Instructor.

CONSERVATORY OF MUSIC

Senior Class

Loomis, Mary ..... Bowling Green, O.
Tomlinson, Treasure ..... Zanesville, O.

UNDERGRADUATE STUDENTS

Theory

Allison, Mary ..... McGrann, Pa.
Baker, Elsie ..... New Concord, O.
Bickett, Mary ..... Xenia, O
Boyd, Sidney ..... Quaker City, O.
Dennison, Margaret ..... New Concord, O.
Fraser, Lewis ..... Wellsville, O.
Frost, Ralph W. ..... Chester, W. Va.
Giffen, Dora E. ..... Antrim, O.
Groves, Ellen ..... New Concord, O.
Howel, Mary ..... Canonsburg, O.
Larrick, Ruth ..... Pleasant City, O.
Loomis, Mary ..... Bowling Green, O.
Logan, Edythe ..... Cambridge, O.
McCampbell, Ella ..... Marysville, O.
Mock, Alice ..... New Concord, O.
Reed, Walter ..... Sarahsville, O.
Seright, Lucile ..... New Concord, O
Shane, Hazel ..... Carrollton, O.
St. Clair, Ruth ..... Pittsburgh, Pa.
Taggart, Martha ..... New Concord, O.
Watkins, Janet ..... Ballston, Lake, N. Y.
Watt, Eula ..... Greenfield, O.
Wiley, Elizabeth ..... Chattanooga, Tenn.

Pipe Organ.

Blake, Josephine ..... Byesville, O.
Loomis, Mary ..... Bowling Green, O.
McGregor, Martha ..... Cambridge, O.
Monfort, Roberta ..... Zanesville, O.
Montfort, Mabel ..... Zanesville, O.
Reeder, Florence ..... Kittanning, Pa.
Rieger, Floyd C. ..... Conesville, O.
St. Clair, Ruth ..... Pittsburgh, Pa.
Wiley, Elizabeth ..... Chattanooga, Tenn.

Pianoforte

Alexander, Wilma ..... Toronto, O
Allison, Mary ..... McGrann, Pa.
Baker, Elsie ..... New Concord, O.
Bovard, Mary ..... Farrell, Pa.
Brownlee, Jean ..... New Concord, O.
Crawford, Alice ..... Zanesville, O.
Dean, Pearl ..... Pittsburgh, Pa.
Douglas, Mary ..... Petroleum, W. Va.
Douglass, Lucile ..... Mavissa, Ill.

Ervin, Ralph ..... Jamestown, O.
Ewing, Ethel ..... Bellaire, O.
Giffin, Dora E. ..... Antrim, O.
Groves, Ellen, ... New Concord, O.
Groves, Marjorie ..... New Concord, O.
Harvey, Margaret ..... Bellaire, O.
Howell, Mary ..... Canonsburg, Pa.
Hutchinson, Ethel ..... Claysville, Pa.
Kelsey, Elizabeth ..... New Concord, O.
Irwin, Milton ..... College Corner, O.
Larrick, Ruth ..... Pleasant City, O.
Loomis, Mary ..... Bowling Green, O.
Loughridge, Rachel ..... Rushsylvania, Pa.
Logan, Edyth ..... Cambridge, O.
McCampbell, Ella ..... Marysville, O.
McCampbell, Harry ..... Marysville, O.
McCreary, Dorothy ..... New Concord, O.
Montgomery, Alice ..... New Concord, O.
Moore, Mary ..... Rea, Pa.
Moorehead, Agnes ..... New Concord, O.
Ramsey, Willa ..... Hubbard, O.
Reid, Ronald ..... Albany, Ore.
Rice, Pearl ..... Philadelphia, Pa.
Rockwell, Robert ..... Akron, O.
Robinson, Myrtle ..... Byesville, O.
Seright, Lucile ..... New Concord, O.
Secrest, Melba ..... Pleasant City Pa.
Shane, Hazel ..... Carrollton, O.
St. Clair, Ruth ..... Pittsburgh, Pa.
Shelly, Grace ..... Toronto, O.
Slay, Beulah ..... Robins, O.
Taggart, Martha ..... NewConcord, O.
Tomlinson, Treasure ..... Zanesville, O.
Watkins, Janet ..... Ballston Lake, N. Y.
Watt, Eula ..... Greenfield, O.
Wiley, Elizabeth ..... Chattanooga, Tenn.

PUBLIC SCHOOL MUSIC

Larrick, Ruth ..... Pleasant, City, O.
McCampbell, Ella ..... Marysville, O.

VOICE

Allison, Mary ..... McGann, Pa.
Bone, Nellie ..... Cambridge, O.
Baggs, Mrs. Sarah ..... New Concord, O.
Boyd, Marjorie ..... Cambridge, O.
Coltman, Arthur ..... Pittsburgh, Pa.
Donaldson, Sarah ..... Carrollton, O.
Douglass, Lucile ..... Mavissa, Ill.
Eakin, Juliet ..... Steubenville, O.
Esterquest, Mrs. Mabel ..... New Concord, O.
Erskine, Mary ..... West Alexander, Pa.
Ervin, Ralph ..... Jamestown, O.
Ferguson, Warren ..... Xenia, O.
Finley, Elizabeth ..... New Concord, O.
Flesher, Helen ..... Cairo, W. Va.
Fraser, Lewis ..... Wellsville, O.
Frost, Ralph ..... Chester, W. Va.

Funk, Dallas ..... Irwin, Pa.
Grimes, Beulah ..... New Concord, O.
George, Mary ..... Bergholz, O.
Gordon, Walker ..... New Concord, O.
Giffin, Dora ..... Antrim, O.
Groves, Ellen ..... New Concord, O.
Harvey, Margaret ..... Bellaire, O.
Howell, Mary ..... Canonsburg, Pa.
Kocher, Walter ..... Bellaire, O.
Larrick, Ruth ..... Pleasant City, O.
Laverty, Clelia ..... Cambridge, O.
Lane, Mary ..... Cambridge, O.
Lloyd, Alice ..... Cambridge, O.
McKeever, Madge ..... Xenia, O.
McCall, Mrs. Ora ..... New Concord, O.
McCreary, Mrs Lova ..... New Concord, O.
Moore, Ruth ..... Butler, Pa.
Montgomery, Mrs. E. ..... New Concord, O.
Seright, Lucile ..... New Concord, O.
Stiles, Bessie ..... Cambridge, O.
Tribbie, Mrs. Helen ..... Cambridge, O.
Watt, Eula ..... Greenfield, O.
Welsh, Sarah ..... New Concord, O.
White, Miriam ..... New Concord, O.
Yehling, Ruth ..... Sparta, Ill.

PIANOFORTE—Cambridge Studio

Amos, Sarah ..... Cambridge, O.
Bailey, Dessie ..... Cambridge, O.
Bell, Birdie ..... Cambridge, O.
Birney, Lucile ..... Cambridge, O.
Blair, Clarice ..... Buffalo, O.
Bowers, Helen ..... Cambridge, O.
Bradley, Thelma ..... Cambridge, O.
Brennan, Rebecca ..... Cambridge, O.
Calhoun, Violet ..... Byesville, O.
Cameron, Wilma ..... Cambridge, O.
Campbell Jane ..... Cambridge, O.
Campbell, Margaret ..... Cambridge, O.
Carnal, Margaret ..... Cambridge, O.
Canner, Jean ..... Cambridge, O.
Deselm, Catherine ..... Cambridge, O.
Erven, Ruth ..... Cambridge, O.
Evans, Lucile ..... Cambridge, O.
Eynon, Ruth ..... Cambridge, O.
Fleming, Dorothy ..... Cambridge, O.
Forsythe, Gladys ..... Cambridge, O.
Forsythe, Jeannette ..... Cambridge, O.
Frame, Eileen ..... Cambridge, O.
Gander, Martha ..... Cambridge, O.
Gander, Mildred ..... Cambridge, O.
Grant, William ..... Cambridge, O.
Gregg, Mary Louise ..... Cambridge, O.
Hall, Edna ..... Cambridge, O.
Hall, Mabel ..... Cambridge, O.
Hanna, Isabelle ..... Cambridge, O.
Hipkner, Emma ..... Cambridge, O.

Kelley, William ..... Cambridge, O.
Kulaw, Marie ..... Cambridge, O.
Lawyer, Helen ..... Cambridge, O.
Leyshon, Alpha ..... Cambridge, O.
Long, Frances ..... Cambridge, O.
Malden, Jessie ..... Cambridge, O.
Mantz, Mary Louise ..... Cambridge, O.
McCleary, Helen ..... Cambridge, O.
McColliem, Bertha ..... Cambridge, O.
McFadden, Jeannette ..... Cambridge, O.
McGregor, Mary ..... Cambridge, O.
McKissen, Jeannette ..... Cambridge, O.
Mehaffey, Marjorie ..... Cambridge, O.
Meitzer, Caroline ..... Cambridge, O.
Meyers, Agnes ..... Cambridge, O.
Milligan, Catherine ..... Cambridge, O.
Montgomery Mary ..... Cambridge, O.
Moore,, Mabel ..... Cambridge, O.
Morton, Beatrice ..... Cambridge, O.
Neyman, Lillian ..... Cambridge, O.
Nyce, Harriet ..... Cambridge, O.
Nyce, Edith ..... Cambridge, O.
Pattersm, Catherine ..... Cambridge, O.
Pattersm, Elizabeth ..... Cambridge, O.
Pelikan, Elizabeth ..... Pleasant City, O.
Peters, Catherine ..... Cambridge, O.
Peters, Bertha ..... Cambridge, O.
Rankin, Elizabeth Ann ..... Cambridge, O.
Reinhardt, Dorothy ..... Cambridge, O.
Reynolds, Mary ..... Cambrdge, O.
Riggs, Mary ..... Cambridge, O.
Ripley, Laura ..... Cambridge, O.
Ross, Edith ..... Cambridge, O.
Ross, Jeannette ..... Cambridge, O.
Rummel, Edgar ..... Cambridge O.
Rummel, Herbert ..... Cambridge, O.
Rummel, Robert ..... Cambridge, O.
Secrest, Hattie ..... Buffalo, O.
Siegfried, Charles ..... Cambridge, O.
Shryhart, Eugene ..... Cambridge, O.
Spaid, Reba ..... Buffalo, O
Starr, Helen ..... Cambridge, O.
Starlin, Wilma ..... Cambridge, O.
Stephens, Margaret ..... Cambridge, O.
Stevens, Mary Elizabeth ..... Cambridge, O.
Stewart, Mary ..... Cambridge, O.
Stottlemire, Alice ..... Cambridge, O.
Shackle, Margaret ..... Klondyke, O.
Styles, Frances ..... Cambridge, O.
Stringfellow, Edna ..... Cambridge, O.
Stilwell, Catherine ..... Cambridge, O.
Thomas, Marie ..... Cambridge, O.
Thompson, Mary Ann ..... Cambridge, O.
Thompson, Ruth ..... Cambridge, O.
Tiltin, Catherine ..... Cambridge, O.
Turnbaugh, Sarah ..... Cambridge, O.
Worthington, Mary ..... Pleasant City, O.

Violin

Alloway, Lena Roberta ..... Cambridge, O.
Anderson, Edgar ..... Cambridge, O.
Baily, Steven H. ..... Cambridge, O.
Boones, George R. ..... Byesville, O.
Barnett, Verna ..... Cambridge, O.
Blickle, Carl ..... Zanesville, O.
Blickstein, Rose ..... Zanesville, O.
Booth, Agnes ..... New Concord, O.
Brown, Sara ..... New Concord, O.
Cameron, Wilma ..... Cambridge, O.
Campbell, Clara ..... New Concord, O.
Conrade, Margaret ..... Zanesville, O.
Covert, Morris ..... Zanesville, O.
Davis, Blanche ..... New Concord, O.
Doyer, Donald ..... Zanesville, O.
Drake, Maude .....
Dugan, Rebecca ..... Cambridge, O.
Emde, Winifred ..... Cambridge, O.
Ewing Leroy ..... Cambridge, O.
Fink, Ollie E. ..... Zanesville, O.
Finley, Esther ..... NewConcord, O.
Fitzpatrick, Margaret ..... Zanesville, O.
Fordyce, Charlene ..... Cambridge, O.
Friel, Kathleen ..... Lore City, O.
Funk, Noah ..... Cambridge, O.
Gardner, Mabel ..... Zanesville, O.
Gibbon, Virginia ..... Zanesville, O.
Giffen, Dora E. ..... New Concord, O.
Gillis, Paul McBride ..... Pittsburgh, Pa.
Grimes, Deane ..... New Concord, O.
Gray, Frances ..... New Concord, O.
Gray, Janette ..... Detroit, Mich.
Hommer, Frances ..... Cambridge, O.
Hutchison, Margaret ..... Cambridge, O.
Hutton, Hazel ..... Byesville, O.
Kelsey, Margaret ..... New Concord, O.
Layton, Vernon ..... Jefferson, O.
Leeper, Russell ..... Cambridge, O.
Lowery, Leonard ..... Cambridge, O.
McCaddon, Margaret ..... Zanesville, O.
McCampbell, Ella Jane ..... Marysville, O.
Mc Conagha, Isabelle ..... Beaver Falls, Pa.
McFadden, Sara ..... Cambridge, O.
McCreary, Jane ..... New Concord, O.
McLaughlin, Leo ..... Zanesville, O.
Malecke, Tillie ..... Zanesville, O.
Mantz, Laura ..... Cambridge, O.
Miller, Dorothy Hazen ..... Elizabeth, Pa.
Mirvis, Freda ..... Zanesville, O.
Morgan, Helen ..... New Concord, O.
Morrison, Harold ..... Cambridge, O.
Morton, Gail ..... Cambridge, O.
Nesselson, Irven ..... Cambridge, O.
Ogilvie, Mary ..... East Liverpool, O.
O'Neal, William B. ..... Zanesville, O.
Park, Alfred ..... New Concord, O.

Patterson, Vernon ..... Cambridge, O.
Patton Roberta ..... Byesville, O.
Priest, John ..... Pleasant City, O.
Rankin, John ..... Cambridge, O.
Reed, David Paul ..... New Concord, O.
Riggs, Charles ..... Sarahsville, O.
Ripley, Laura Barbara ..... Wheeling, W. Va.
Roby, Elizabeth ..... Cambridge, O.
Roe, Victor Alvin ..... Butler, Pa.
Scott, Martha ..... Cambridge, O.
Stewart, Byron ..... Lore City, O.
Stremmel, Don H. ..... Zanesville, O.
Svoboda, Frank ..... Cambridge, R. F. D.
Taggart, Martha ..... New Concord, O.
Temple, Bertha ..... Cambridge, O.
Tom, Beulah ..... New Concord, R. F. D.
Washer, Sara ..... Cambridge, O.
Watkins, G. Clayton ..... Ballston Lake, N. Y.
Watson, Ralph H. ..... Cambridge, R. F. D.
Weir, David ..... Zanesville, O.
Wilson, James ..... Cambridge, O.
Wilson, Lorinda ..... Cambridge, O.

SPRING AND SUMMER TERMS 1919

Spring Term

Adams, Oliver ..... Key, O.
Aiken, Alma ..... Bloomfield, O.
Armstrong, Roxie ..... Cambridge, O.
Barrackman, Gladys ..... Speidel, O.
Bell, Blanche ..... Freeport, O.
Bell, Olive Lucile ..... Cambridge, O.
Bennett, Sarah ..... Cambridge, O.
Bennett, Mary ..... Cambridge, O.
Birch, Josephine ..... McConnelsville, O.
Blattler, Oscar ..... Beallsville, O.
Boyer, Margaret ..... Coshocton, O.
Burson, Donald ..... Hendrysburg, O.
Callian, Nellie ..... Cumberland, O.
Cameron, Nettie ..... Millersburg, O.
Cameron, Susie ..... Millersburg, O.
Carrell, Mabel ..... Spratt, O.
Cater, Mary .....
Conaway, Hazel ..... Cambridge, O.
Cramblett, Bessie ..... New Concord, O.
Crum, Clarence ..... Summerfield, O.
Cunningham, Margaret ..... McConnelsville, O.
Danford, Ira ..... Pleasant City, O.
Darner, Hazel ..... Adamsville, O.
Darner, Ethel ..... Adamsville, O.
Dawson, Olive ..... Neffs, O.
Dew, Ethel ..... Barnesville, O.
Drake, Maude ..... Blue Rock, O.
Elison, Meryl ..... Dexter City, O.
Ellis, Clara ..... Blue Rock, O.
Ellis, Pearl ..... Blue Rock, O.
Finley, Lelia ..... Malta, O.
Fisher, Etta ..... Barnesville, O.

Forshey, William ..... Summerfield, O.
Fulton, Pansy ..... St. Clairsville, O.
Gallagher, Wilma ..... Antrim, O.
Gates, Earl ..... Bealsville, O.
Gatewood, Florence ..... McConnelsville, O.
Gray, Allie ..... Lore City, O.
Gregg, Earl ..... Hiramsburg, O.
Hall, Edwin ..... Reinersville, O.
Harding, Mary ..... Old Washington, O.
Harding, Irene ..... Cambridge, O.
Hartley, Reba ..... Salesville, O.
Hartup, Lela ..... Lore City O.
Hayes, Lucy ..... Cambridge, O.
Hayes, Della ..... Cambridge, O.
Hiser, Viola ..... Coshocton, O.
Hollingsworth, Frances ..... Bethesda, O.
Hunnell, Della ..... Lore City, O.
Hursey, Hazel ..... Newcomerstown, O.
Johnson, Goldie ..... Winterset, O.
Johnston, Mary ..... McConnelsville, O.
Kettlewell, Robert ..... Glencoe, O.
Kirkwood, Margaret ..... Cambridge, O.
Knouff, Earl ..... Quaker City, O.
Kurth, Freda ..... Bellaire, O.
Lake, Clara ..... Cambridge, O.
Laughman, Kathryn ..... Quaker City O.
Laughman, Hazel ..... Malta, O.
Lindon, Sadie ..... Gilmore, O.
Logsdon, Stella ..... Millersburg, O.
McClenahan, Mrs. Grace ..... Waverly, O.
McDonald, Mabel ..... New Concord, O.
McDonald, Bessie ..... New Concord, O.
McLeod, Mary ..... Caldwell, O.
Mallett, Hugh ..... Summerfield, O.
Mansperger, Thelma ..... Chandlersville, O.
Marshall, Ralph ..... Lore City, O.
Mason, Martha ..... Cambridge, O.
Mason, May ..... Cambridge, O.
Merryman, Helen ..... Quaker City, O.
Michael, A. O. ..... Hopewell, O.
Millison, Gustava ..... Freeport, O.
Molden, Maargretta ..... Barnesville, O.
Moorehead, Lela ..... Senecaville, O.
Morhead, Winnie ..... Senecaville, O.
Morrow, Ruth ..... Bloomfield, O.
Potts, Pearl ..... Senecaville, O.
Rose, Mary Frances ..... Caldwell, O.
Sharrock, Clara ..... New Concord, O.
Shook, Lucile ..... Duncan Falls, O.
Slack, Jesse Atwell ..... South Zanesville, O.
Smith, Marie ..... Batesville, O
Speer, June ..... New Concord, O.
St. Clair, Florence ..... Spratt, O.
Stiers, Dulcie ..... Senecaville, O.
Sutton, Marietta ..... Chandlersville, O.
Taylor, Bessie ..... Norwich, O.
Thompson, Helyn ..... Kenton, O.

Torbert, Mildred ..... Crooksville, O.
Turner, Mary ..... Cambridge, O.
Watkins, Robert ..... Baltimore, Md.
Watson, D. A. ..... Chandlersville, O.
West, Cora ..... Quaker City, O.
Williams, Leurena ..... Robins, O.
Williams, Sarah A. ..... Barnesville, O.
Willis, Mary ..... Cambridge, O.
Wolf, Grace Camilla ..... Coshocton, O.

NORMAL (2)

Adams, Oliver ..... Key, O.
Anderson, Edgar ..... Cambridge, O.
Armstrong, Roxie ..... Cambridge, O.
Artman, Catherine ..... Caldwell, O.
Atkinson, Helen ..... Norwich, O.
Ayers, Cecil ..... St. Clairsville, O.
Bailey, Stephen ..... Cambridge, O.
Barrackman, Gladys ..... Speidel, O.
Barnett, Verna ..... Byesville, O.
Belle, Olive ..... Cambridge, O.
Bennett, Mary ..... Cambridge, O.
Bennett, Sarah ..... Cambridge, O.
Blattler, Oscar ..... Bealsville, O.
Blickle, Carl ..... Zanesville, O.
Booth, Agnes ..... Cambridge, O.
Boyer, Margaret ..... Coshocton, O.
Brehem, W. F. ..... Crompton, O.
Brenan, Carl ..... Cambridge, O.
Burson, Donald ..... Hendrysburg, O.
Caalliam, Nellie ..... Cumberland, O.
Calhoon, Charlotte ..... Byesville, O.
Caldwell, Neva ..... Jacobsburg, O.
Cameron, Wilma ..... Cambridge, O.
Cameron, Susie ..... Millersburg, O.
Cameron, Nettie ..... Millersburg, O.
Cairell, Mabel ..... Spratt, O.
Cline, Hallie ..... Batesville, O.
Conaway Hazel ..... Bethesda, O.
Cox, Blanche ..... Cambridge, O.
Craig, Alice ..... Beverly, O.
Cramblett, Bessie ..... New Concord, O.
Crumm, Clarence ..... Summerfield, O.
Cunard, Mildred ..... Bethesda, O.
Dallas Margaret ..... Hammondsville, O.
Danford, Ira ..... Pleasant City O.
Dawson, Olive ..... Neffs, O.
Dement, C. V. ..... Malga, O.
DeVolld, Jennie ..... Cambridge, O.
De Vol, Lucy ..... Beverly, O.
Dozer, Donald ..... Zanesville, O.
Drake, Maude ..... Blue Rock, O.
Dugan, Rebecca ..... Cambridge, O.
Ellis, Clara ..... Blue Rock, O.
Ellis, Pearl ..... Blue Rock, O.
Finley, Lelia ..... Malta, O.
Flanders, Alice ..... Crooksville, O.
Flegal, Bernice ..... Norwich, O.

Foley, James ..... Norwich, O.
Fordyce, Charlene ..... Cambridge, O.
Foster, Edith ..... McConnelsville, O.
Forshey, William ..... Summerfield, O.
Friel, Kathleen ..... Lore City, O.
Frye, Lucile ..... Buffalo, O.
Fulton, Pansy ..... St. Clairsville, O.
Funk, Noah ..... Cambridge, O.
Galligher, Wilma ..... Antrim, O.
Gates, Earl ..... Beallsville, O.
Gibson, Pearl ..... Kimbolton, O.
Graham, Ernest ..... Frazeysburg, O.
Gray, Allie ..... Lore City, O.
Gregg, Earl ..... Hiramsburg, O.
Gregory, Mrs. Blanche ..... Rix Mills, O.
Gregory, Dorothy ..... Rix Mills, O.
Grubaugh, Blanche ..... Thornville, O.
Hall, Edwin ..... Reinersville, O.
Hammond, Ruth ..... Sayre, O.
Hancher, Eleanor ..... Whigville, O.
Harding, Mary ..... Old Washington, O.
Harper, Vesta ..... Dexter City, O.
Hartley, Reba ..... Salesville, O.
Henderson, Sadie ..... Barnesville, O.
Heskett, Gertrude ..... Bethesda, O.
Hiser, Viola ..... Coshocton, O.
Hollingsworth, Frances ..... Bethesda, O.
Hunnell, Belva ..... Lore City, O.
Hunnell, Della ..... Lore City, O.
Hursey, Hazel ..... Newcomerstown, O.
Hommer, Frances ..... Cambridge, O.
Hutchison, Margaret ..... Cambridge, O.
Hutton, Hazel ..... Byesville, O.
Irwin, Bessie ..... Norwich, O.
Irwin, Inez ..... Norwich, O.
Jeffrey, May ..... Old Washington, O.
Jenkins, Clara ..... Lore City, O.
Jennings, Hazel ..... Black Run, O.
Johnson, Golda ..... Winterset, O.
Johnson, Mary ..... McConnelsville, O.
Johnson, Charlene ..... New Concord, O.
Johnson, Kathryn ..... Byesville, O.
Johnson, Florence ..... Byesville, O.
Kirkwood, Margaret ..... Cambridge, O.
Knouff, Earl ..... Quaker City, O.
Kurth, Freda ..... Bellaire, O.
Lake, Clara ..... Cambridge, O.
Laughman, Hazel ..... Malta, O.
Laughman, Kathryn ..... Quaker City, O.
Layman, Mabel ..... Quaker City, O.
Lee, Edith ..... Barnesville, O.
Leeper, Russell ..... Cambridge, O.
Lindon, Sadie ..... Gilmore, O.
Logsdon, Stella ..... Millersburg, O.
McCaddon, Margaret ..... Zanesville, O.
McFadden, Sara ..... Cambridge, O.
McKee, Rhea ..... Sharon, O.

McVicker, Grace ..... Dresden, O.
Mallett, Hugh ..... Summerfield, O.
Mansperger, Thelma ..... Chandlersville, O.
Mautz, Laura ..... Cambridge, O.
Marshall, Ralph ..... Lore City, O.
Mason, May ..... Cambridge, O.
Mason, Martha ..... Cambridge, O.
Merritt, Lillian ..... Caldwell, O.
Merritt, Hazel ..... Caldwell, O.
Miller, Eugene ..... Summerfield, O.
Millison, Gustava ..... Freeport, O.
Milhone, Ross ..... Senecaville, O.
Moorehead, Winnie ..... Senecaville, O.
Moorehead, Lela ..... Senecaville, O.
Morrison, Harold ..... Cambridge, O.
Morton, Gail ..... Cambridge, O.
Morrow, Margaret ..... Quaker City, O.
Morrow, Ruth ..... Bloomfield, O.
Nesselson, Irven ..... Cambridge, O.
Palmer, Elsie ..... Guernsey, O.
Phillips, Maude ..... Cambridge, O.
Priest, John ..... Blue Bell, O.
Quarterman, Rose ..... Cumberland, O.
Rankin, Anna ..... Norwich, O.
Rich, Lucile ..... Senecaville, O.
Riggs, Charles ..... Sarahsville, O.
Ripley, Laura ..... Cambridge, O.
Robinson, Wanda ..... Quaker City, O.
Robinson, Mildred ..... Quaker City, O.
Ross, Mary ..... Newark, O.
Rose, Florence ..... Salesville, O.
Rose, Mary Frances ..... Caldwell, O.
Scott, Elizabeth ..... Carrollton, O.
Scott, Martha ..... Cambridge, O.
Schaller, Lester ..... Monclova, O.
Shook, Lucile ..... Duncan Falls, O.
Shively, Virginia ..... Batesville, O.
Smith, Hazel ..... Utica, O.
Smith, Marie ..... Batesville, O.
Smith, Alice ..... Reinersville, O.
Smith, Villa .....
Smeltz, Mary ..... Carrollton, O.
Smeltz, Margaret ..... Carrollton, O.
St. Clair, Florence ..... Spratt, O.
Stiers, Dulcie ..... Senecaville, O.
Stitt, Nancy Ann ..... Dresden, O.
Stottsberry, Icel ..... Sarahsville, O.
Stickrath, Flossie ..... Sugar Creek, O.
Stimmel, Helen ..... Zanesville, O.
Taylor Bessie, ... Norwich, O.
Taylor, Luther ..... Monclova, O.
Tetrick, Madge ..... Winterset, O.
Tetrick, Martha ..... Winterset, O.
Tom, Beulah ..... New Concord, O.
Tom, Lena May ..... New Concord, O.
Thorbert, Mildred ..... Crooksville, O.
Tucker, Annabel ..... Cambridge, O.

Turner, Mary ..... Cambridge, O.
Tyson, Vera ..... New Concord, O.
Stella, Vance ..... Cambridge, O.
Wagner, Mary ..... Carrollton, O.
Watson, Edna ..... Cambridge, O.
Wells, Mary ..... Coshocton, O.
Wells, Annie ..... Coshocton, O.
West, Cora ..... Quaker City, O.
Williams, Leurena ..... Robins, O.
Willis, Mary ..... Cambridge, O.
Wolford, Lionel ..... Frazysburg, O.

COLLEGE SUMMER (3)

Aiken, Alma ..... Bloomfield, O.
Alloway, Lena ..... Cambridge, O.
Anderson, Lucile ..... Cambridge, O.
Banker, Della, ... Cambridge, O.
Bay, Floyd, ... New Concord, O.
Bell, Blanche ..... Freeport, O.
Bell, W. R. ..... Stafford, O.
Bell, Katherine ..... Zanesville, O.
Birch, Josephine ..... McConnelsville, O.
Black, Hester ..... Lore City, O.
Booher, Harold ..... Pleasant City, O.
Booth, Clara ..... Washington, Pa.
Boyd, Orval ..... Barnesville, O.
Buchanan, Mary ..... East Liverpool, O.
Butler, Ruth ..... Zanesville, O.
Caldwell, Hazel ..... Jacobsburg, O.
Campbell, Beatrice ..... New Concord, O.
Campbell, Clara ..... New Concord, O.
Carr, Ina ..... Newcomerstown, O.
Clark, Lenora ..... New Concord, O.
Crafts, Otis ..... Sarahsville, O.
Cunningham, Margaret ..... McConnelsville, O.
Danford, Laura ..... Bellaire, O.
Darner, Hazel ..... Adamsville, O.
Darner, Ethel ..... Adamsville, O.
Davis, Adelle ..... Norwich, O.
Daw, Seward ..... Caldwell, O.
Day, Mary Irene ..... Salineville,, O.
Dennison, Margaret ..... NewConcord, O.
Denham, Hazelle ..... Frazeysburg, O.
Dew, Mrs. Ethel ..... Barnesville, O.
Duff, Elizabeth ..... Ottawa, Kans.
Duff, David ..... New Concord, O.
Ellison, Meryle ..... Dexter City, O.
Fisher, Etta ..... Barnesville, O.
Foster, Margaret ..... Claysville, O
Forsythe, Emmet ..... Kimbolton, O.
Forbes, Blanche ..... New Concord, O.
Gatewood, Florence ..... McConnelsville, O.
Geyer, Cora ..... New Concord, O.
Giffen, John Willard ..... Antrim, O.
Glass, Mae ..... Newark, O.
Graham, Lula ..... Pleasant City, O.
Grimes, Beulah ..... New Concord, O

Gordon, Marie ..... St. Clairsville, O.
Hanna, Mary Virginia ..... Wheeling, W. Va.
Harding, Irene ..... Cambridge, O.
Hartup, Lela ..... Lore City, O.
Hartley, Jessie ..... Quaker City, O.
Harris, Dortha ..... Quaker City, O.
Harrison, Gertrude ..... Newark, O.
Hayes, Lucy ..... Cambridge, O.
Hayes, Della ..... Cambridge, O.
Hicks, C. H. ..... Zanesville, O.
House, Earl ..... Quaker City, O.
Jackson, Lyman Ernest ..... New Concord, O.
Johnson, Alice (Teener) ..... New Concord, O.
Johnson, Ruth ..... East Liverpool, O.
Johnson, C. G. ..... McConnelsville, O.
Kettlewell, Robert ..... Glencoe, O.
Kishler, Dr. A. N. ..... New Concord, O.
Knight, Ione ..... Cumberland, O.
Kuntz, May ..... Newcomerstown, O.
Lane, Mary ..... Cambridge, O.
Linsenmayer, Clarence ..... Braddock, Pa.
Lowery, Mrs. J. G. ..... New Concord, O.
Lyons, Bessie ..... Chandlersville, O.
McAuley, Helen ..... Caldwell, O.
McCall, Wallace ..... New Concord, O.
McConagha, D. H. ..... New Concord, O.
McClenahan, Mrs. Grace ..... Waverly, O.
McConnelee, Wilbur ..... New Concord, O.
McCance, Jessie ..... New Concord, O.
McClaine, Hettie ..... Cambridge, O.
McDonald, Mabel ..... New Concord, O.
McDonald, Bessie ..... New Concord, O.
McElhiney, Richard ..... McConnelsville, O.
McFarland, Jeannette ..... Cambridge, O.
McLeod, Mary ..... Caldwell, O.
McVicker, Frank ..... Senecaville, O.
McGuidwin, Fred ..... Macedon Center, N. Y.
Machwart, Marie ..... Wooster, O.
Merryman, Helen ..... Quaker City, O.
Michael, A. O. ..... Hopewell, O.
Minnear, Lazelle ..... Norwich, O.
Minnear, Ferne ..... Norwich, O.
Molden, Margaretta ..... Barnesville, O.
Montgomery, Mary ..... Frazeysburg, O.
Morgan, Vashti ..... New Concord, O.
Murphy, Marjory ..... Bethesda, O.
Newton, Byerla ..... Malta, O.
Nazum, Elva ..... Barnesville, O.
Oliver, Eva ..... Byesville, O.
Patterson, Rose ..... New Concord, O.
Patton, Roberta ..... Byesville, O.
Peters, Bertha ..... Robins, O.
Pollock, Hazel ..... Bellevue, Pa.
Porter, Roscoe ..... Baxter, Pa.
Potts, Pearl ..... Senecaville, O.
Renner, Marie ..... Barnesville, O.

Sawyer, Eloise ..... New Concord, O.
Schwartzwalder, Edna ..... Cambridge, O.
Sharrock, Clara ..... New Concord, O.
Slack, Jesse Atwell ..... South Zanesville, O.
Speer, June ..... New Concord, O.
Stone, Mary ..... Cambridge, O.
Sutton, Marietta ..... Chandlersville, O.
Taggart, Martha ..... New Concord, O.
Thompson, Helyn ..... Kenton, O.
Trowbridge, Mary ..... Utica, O.
Vorhis, James ..... Monroe, O.
Watkins, Pearl ..... Pleasant City, O.
Watkins, Robert ..... Baltimore, Md.
Watson, D. A. ..... Chandlersville, O.
Williams, Sara A. ..... Barnesville, O.
Williams, Sara E. ..... Newark, O.
Wintermantel, Minnie ..... Newark, O.

HIGH SCHOOL

Baker, Elsie ..... New Concord, O
Berry, Helen ..... New Concord, O.
Birch, George ..... McConnelsville, O.
Brock, Raymond ..... Norwich, O.
Campbell, Mary ..... Bloomington, Ind.
Curzon, Lillian ..... Bellaire,, O.
Denham, Mary ..... New Concord, O.
Eby, Harry ..... Aspinwall, Pa.
Finley, Esther ..... New Concord, O.
Folkert, Alta ..... Guernsey, O
Gray, Frances ..... New Concord, O.
Groves, Ellen ..... New Concord, O.
Groves, Elizabeth ..... New Concord, O.
Hanna, Lena ..... New Concord, O.
Jamison, Esther ..... New Concord, O.
Lemon, Wilma ..... New Concord, O.
Lyons, Carl ..... New Concord, O.
McAllister, Edna ..... West Lafayette, O.
McBride, John ..... Pittsburgh, Pa.
McCall, Justus ..... New Concord, O.
McFetridge, Sara ..... St. Clairsville, O.
Melone, Vera ..... New Concord, O.
Mock, Alice ..... New Concord, O.
Montgomery, Alice ..... New Concord, O.
Montgomery, Luther ..... New Concord, O.
Morris, Marian ..... Toronto, O.
Moore, Robert ..... New Concord, O.
Rambar, Alvin ..... Cambridge, O.
Repasky, John ..... Robins, O.
Reynolds, Laura ..... East Liverpool, O.
Smock, Edith ..... New Concord, O.
Stockum, Alta ..... New Concord, O.
Stockum, Blanche ..... New Concord, O.
Stroud, Frances ..... Cambridge, O.
Svolada, Frank ..... Cambridge, O.
Thomas, Evelyn ..... Philadelphia, Pa.
Webster, James ..... Norwich, O.
Wehousky, Frances ..... Zanesville, O.
Young, Audrey ..... New Concord, O.

SUMMER SCHOOL HIGH SCHOOL STUDENTS 1919

Baker, Elsie Marie ..... New Concord. O.
Bell, Olive Lucile ..... Cambridge, O.
Bennett, Mary Florence ..... Cambridge, O
Berry, Helen Isabelle ..... New Concord, O
Birch, George ..... McConnelsville, O
Brock, Raymond Virgil ..... Norwich, O
Caldwell, Hazel ..... Jacobsburg, O
Caldwell, Neva ..... Jacobsburg, O
Campbell, Mary Elizabeth ..... Bloomington, Ind.
Craig, Alice ..... Beverly, O.
Curzon, Lillian ..... Bellaire, O.
Denham, Mary Elizabeth ..... New Concord, O.
Eby, Harry Kammer ..... Aspinwall, Pa.
Foley, James ..... Norwich, O.
Folkert, Alta Elizabeth ..... Guernsey, O.
Fry, Lucile ..... Buffalo, O.
Fulton, Pansy ..... St. Clairsville, O.
Gray, Frances Elizabeth Willard ..... New Concord, O.
Groves, Elizabeth Rebecca ..... New Concord, O.
Groves, Ellen Jane ..... New Concord, O.
Hicks, Clifford ..... Zanesville, O.
Jamison, Esther Mary ..... New Concord, O.
Jenkins, Clara Bernice ..... Lore City, O.
Johnson, Charlene ..... New Concord, O.
Knight, Ione ..... Cumberland, O.
Lemmon, Wilma Leola ..... New Concord, O.
Lyons, Carl ..... New Concord, O.
McAllister, Edna ..... West Lafayette, O.
McBride, John Vance ..... Pittsburg, Pa.
McCall, Justus Dunbar ..... New Concord, O.
McFetridge, Sara Elizabeth ..... St. Clairsville, O.
Montgomery, Alice Elizabeth, ... New Concord, O.
Montgomery, Luther Alexander ..... New Concord, O.
Moore, Robert Duff ..... New Concord, O.
Morris, Marion Elizabeth ..... Toronto, O.
Rambar, Alvin ..... Cambridge, O.
Repasky, John ..... Robins, O.
Reynolds, Laura ..... East Liverpool, O.
Schaller, Lester ..... Monclova, O.
Schwartzwalder, Edna ..... Cambridge, O.
Stockum, Alta Marie ..... Cambridge, O.
Stockum, Blanche Viola ..... Cambridge, O.
Stroud, Francis ..... Cambridge, O.
Taylor, Luther ..... Monclova, O.
Tetirick, Madge ..... Winterset, O.
Tromans, Evelyn ..... Philadelphia, Pa.
Tucker, Annabel ..... Cambridge, O.
Webster, James Elias ..... Norwich, O.
Wehowsky, Frances ..... Zanesville, O.
Young, Audrey ..... New Concord, O.

SUMMARY OF ENROLLMENT

For the year 1919-20.

College

	1918-19	1919-20	
Senior Class	33	74	
Junior Class	70	63	
Sophomore Class	73	117	
Freshman Class	296	188	
Specials	4	17	
Total for regular year	476	449	
Summer School Collegiate		117	
		566	
Duplicates		29	
Net collegiate students for year		537	
			537

Academy

	1918-19	1919-20	
Senior	46	36	
Third Year	32	37	
Second Year	47	47	
First Year	47	42	
Specials 28, less duplicates		17	
Totals for regular year	172	179	
Summer School 39, less duplicates		16	
Net Academy students for year		195	
			195
Summer *Normal* students, not counted above		172	
			172
Net Total Literary Students			904
Art Students	18	21	
Music Students	224	248	
Grand net Total for Year all Departments	1046		1052

SUMMARY BY STATES

	1918-19	1919-20
Alabama	1	0
Arkansas	0	1
California	0	1
China	1	0
Egypt	1	1
Florida	1	1
Illinois	4	10
India	5	5
Indiana	7	1
Iowa	0	2
Ireland	1	0
Kansas	5	5
Maine	1	0
Maryland	0	1
Michigan	2	4
Mississippi	0	1
Missouri	1	0
Nebraska	1	2
New Jersey	3	1
New Mexico	0	1
New York	5	8
North Carolina	0	2
Ohio	903	872
Oregon	0	2
Pennsylvania	89	115
Rhode Island	0	1
Tennessee	1	1
Vermont	5	3
Washington, D. C.	1	0
West Virginia	8	10
Virginia	0	1

OFFICERS ALUMNI ASSOCIATION

President.....Ira Earl White, '06, Columbus, Ohio.
Vice President ..Robert Wesson Gibson, '18 East Ryegate, Vt.
Secretary .....Ethel Forsythe '18 New Concord, O.
Treasurer ..... T. H. Paden, '73, New Concord, O.
Executive Committee—
L. J. Graham '87 .....New Concord, O.
Nellie R. Harris, '76 .....New Concord, O.
Mrs. Katharine C. Moore, '80..... New Concord, O.

Muskingum College Presidents 12 Pt. lc. ....

Rev. B. Waddle, D.D.....1837-1838
Rev. S. Wilson 1838-1846
Rev. D. A. Wallace, D. D., LL. D.....1846-1848
Rev. John Milligan 1848-1849
Rev. S. G. Irvine, D. D.....1849-1851
Rev. S. McArthur 1851-1855
Rev. B. Waddle, D. D. 1855-1858
Rev. J. P. Lytle, D. D., (pro tem).....1859-1861
Rev. H. P. McClurkin,D. D., (pro tem).....1859-1861
Rev. L. B. Shyrock 1861-1864
Rev. D. Paul, D. D.....1865-1879
Rev. F. M. Spencer, D. D.....1879-1886
Rev. J. D. Irons, D. D., LL. D.....1887-1892
Rev. D. K. McKnight, D. D., (pro tem).....1892-1893
Rev. Jesse Johnson, D. D. 1893-1902
Chester J. M.arshall, A. M.,(pro tem) 1902-1903
Leonard J. Graham, A. M., (pro tem).....1903-1904
Rev. J. Knox *Montgomery*, D. D. 1905

HONORARY DEGREES CONFERRED

1850

Rev. Samuel Irving, D. D.
Rev. Samuel Findley, D. D.
Rev. William Wylie, D. D.

1859

R. Stillwell, LL. D.
Gen. C. B. Godard, LL. D.

1871

Rev. Robt. Herron, D. D.
Rev. John Comin, D. D.
Rev. D. Paul, D. D.
Rev. T. P. Stevenson, D. D.

1872

Rev. B. Waddle, D. D.
Prof. O. H. Roberts, A. M.

1873

Gen. M. D. Leggett, LL. D.

1874

Rev. D. W. Fisher, D. D.
Rev. H. B. Fry, D. D.
Rev. S. M. Hickman, D. D.

1876

Prof. A. C. Rideout, LL. D.
J. K. Watson, A. B.

1878

Rev. Samuel Collins, D. D.
Rev. H. P. McClurkin, D. D.
Rev. D. H. French, D. D.
Rev. S. T. Boyd, Ph. D.

1880

Rev. J. B. Schouler, D. D.
Rev. Thomas Balph, D. D.

1882

Samuel T. Wallace, A. M.
Rev. Wm. G. Waddle, D. D.

1883

Rev. James White, D D.

1884

Rev. Samuel Martin, D. D.
Rev. David McAllister, D. D.
Rev. C. S. Marshall, D. D.
Rev. Wm. Johnson, D. D.
Rev. W. W. Ralston, D. D.

1885

Rev. Hugh Hervey, D. D.

1886

Rev. James Harper, LL. D.
Rev. F. M. Spencer, D. D.

1887

Rev. W. W. Gibson, D. D.
Prof. C. F. Palmer, A. M.
Judge G. L. Phillips, LL. D.
Prof. James Hammond, A. M.

1888

Rev. D. A. McClenahan, D. D.
Prof. Thos. M. Sewell Ph. D.

1889

Rev. C. L. Work, D. D.
Rev. A. H. Harshaw, D. D.
Rev. E. S. McKitrick, D. D.
Rev. J. S. Speer, D. D.
Rev. W. R. Scott, Ph. D.

1890

Rev. R. G. Wallace, D. D.
Rev. M. J. Smalley, A. M.
Dr. John E. Minney, A. M.

1891

Rev. W. O. Thompson, D. D.
Rev. J. P. Cowan, D. D.
Rev. J. H. Veazy, D. D.

1892

Rev. D. F. McGill, D. D.

1893

Rev. T. B. Turnbull, D. D.
Rev. Jos. A. Collins, D. D.
Prof. W. W. White, D. D.
Rev. James C. Wilson, D. D.
Supt. J. A. Shawan, Ph. D.
Prof. E. E. Smock, M. S.
Dr. David B. Best, M. S.

1895

Rev. R. H. Hume, D. D.
Prof. L. D. Bonebrake, Ph. D.
Rev. W. S. Harper, D. D.

1896

Rev. R. C. Wylie, D. D.

1897

Prof. J. C. McClelland, D. D.

1898

Rev. T. P. Robb, D. D.

1899

Prof. John D. Irons, LL. D.

1900

Rev. Frank Grandstaff, D. D.

1901

Rev. H. Y. Leeper, D. D.
Rev. Arney, S. Biddle D. D.
Rev. I. N. White, D. D.
Rev. W. S. Kreger, A. M.

1902

Rev. J. M. Atkinson, D. D.
Rev. W. H. McMillan, LL. D.

1904

Prof. Thos. A. Smith, LL. D
Rev. Wm. Hesse, D. D.

1906

Rev. Purley A. Zartman, D. D.
Rev. T. P. Stevenson, LL. D.

1907

Rev. W. W. Lawrence, D. D.
Rev. R. A. Hutchison, D. D.
Rev. W. H. French, LL. D.

1908

Rev. E. M. Milligan, D. D.
Rev. Melvin G. Kyle, LL. D.
Miss Susan E. Crumbaker, M. Lit.
Miss Elizabeth Waddell, M. S.

1909

Rev. P. B. Fitzwater, D. D.
Rev. J. W. Ashwood, D. D.
Rev. Howard S. Wilson, D. D.
Rev. James Boyce, D. D.
Rev. D. A.McClenahan, LL. D.
Judge A. A. Frazier, LL. D.
Rev. R. C. Wylie, LL. D.

1910

Rev. John Howard Martin, D. D.
Rev. James Revenaugh, D. D.

1911

Rev. J. Krudenier, D. D.
Rev. A. S. Rogers, D. D.
Rev. Henry Beets, LL. D.

1912

Rev. T. D. Edgar, D. D.
Rev. W. B. Fleming, D. D.
Rev. J. F. Clokey, D. D.
Rev. James E. Sheppard, D. D.
Prof. T. H. Paden, Ph. D.
Prof. Robt. Francis Harper, LL. D.
Rev. W. G. Waddle, LL. D.

1914

Rev. Wm. P. Aiken, D. D.
Rev. Finley M. Wilson, D. D.
Dwight Joel Partello, LL. D.

1915

Rev. James A. Speer, D. D.
Rev. Scott McBride, D. D.
Judge W. H. S. Thompson, LL. D.

1916

Dr. D. Braden Kyle, LL. D.
Rev. W. Charles Wallace, D. D.
Rev. Hugh A. Kelsey, D. D.
Rev. Charles W. Fulton, D. D.
Rev. Orlando H. Milligan, D. D.
Hon. M. Clyde Kelley, A. M.

1917

Wayne B. Wheeler, LL. D.
Rev. Frank Boyd, D. D.
Rev. J. Harper Hutchman, D. .D.
Rev. F. W. Wilson, D. D.

1918

Rev. Samuel M. Zwemer, LL. D.
Rev. James A. Cosby, D. D.
Rev. Mertz A. Eakin, D. D.
Rev. Harry J. Rose, D. D.

1919

Rev. Charles Roger Watson, LL. D.
Rev. James Kelley Giffen, D. .D
Rev. Robert E. Pugh, D. D.
Rev. Major E. Dunn, D. D.

BEQUESTS

FOR PERSONAL PROPERTY

I do give and bequeath to the Board of Trustees of Muskingum College the sum of.....dollars, (or .....shares of stock in the..... or bonds, as the case may be, setting forth particularly what it is that is bequeathed).

FOR REAL ESTATE

I do give, devise and bequeath to the Board of Trustees of Muskingum College and its successors, forever, all that lot or piece of land (describing the property with care).

Special care should be taken that bequests be made according to the laws of the state governing them.

ANNUITIES

Some are not in position to make donations outright to the College. For such the College makes provisions whereby they may deed their property to the College and receive an annuity from the College during the remainder of their lives. In this way the donors are relieved of all care of the property and are assured an income as long as they live, and are further assured that their money will continue to bless succeeding generations after they are gone.

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SCHEDULE OF RECITATIONS

(See Insert)

Cambridge, O.

SCHEDULE OF RECITATIONS—FIRST SEMESTER—1920-1921

ology	2a, English Compos. T. Th.		4, Hist. Geol. Lab. W.	4, Hist. Geology M. W. F.	2a, English Compos. T. Th.	
rman		2, German I. M. T. Th. F.	4, German II. M. T. Th. F.			
eek		2, Elem Greek M. T. Th. F.	4, Plato's Apology M. W. F.	5, New Test Greek M. W. F.		
story		2, Europ. History M. F.		6, Adv. U. S. History	2, Europ. History M. W. F.	12, Cont. History T. 16, Seminar by arrangement 14, French History
me onomics	6, Foods (5 hrs.) M. W. F. 6, Lab. (2 hrs.) T. Th. 8:00-10:00	6, Lab. T. Th.	10, Sanitation M. W. F. 4, Textiles, Lab T. Textiles, Lab. M. Div. II.	4, Textiles. 4, Textiles Lab. T. Th. Div. II.	2, Design and Comp. T. W. 8, Food Study Th.	2, Design and Comp. W. 8, Food Study ab. Th. 8, Food Study
tin			2, Latin, M. W. F. 4, Special Latin T. Th.			
athe- tics and tronomy	6, Calculus M. T. W. Th. F.	2, Trigonometry M. W. F.	2, Trigonometry M. W. F.			2, Mechanics (to be arranged) M. W. F.
atory d pression	2, Public Speaking M. W. F. 18, Teach. Pub. Speak. and Observ. Practice T. Th.	2, Public Speaking M. W. F. 4, Advanced Interp. Reading T. Th.	2, Public Speaking M. W. F. 9, Arg. and Debate T. Th.	10, Play Production (Junior, 2 div. to be arranged) 2 hrs. 13, Debate Sem. (to be arranged) 2 hrs. 30, Lit. Anal. and Intern. (private periods to be arranged)	7, Oratory and Orators M. W. F. 14, Psych. of Express. T. Th. 2, Public Speaking M. W. F.	2, Public Speaking M. W. F.
	8, Problems of Philos.	12, Modern Thinkers	9, Philosophy of	4, Educational Psych.		

The daily chapel exercises occur from 11:00 to 11:30.

SCHEDULE OF RECITATIONS—FIRST SEMESTER—1920-1921

The daily chapel exercises occur from 11.00 to 11:30.

DEPARTMENTS	A. M. 8:00 to 9:00	A. M. 9:00 to 10:00	A. M. 10:00 to 11:00	P. M. 12:30 to 1:30	P. M. 1:30 to 2:30	P. M. 2:30 to 3:30
English Bible	1, Old Test. Hist. T. Th. 7, Plant. of Church W. F.	1, Old Test. Hist. T. Th. 5, Old Test. Poetry W. F.	1, Old Test. Hist. T. Th. 2, Old Test. proph. M. W. F.	9. Ethics of New Test. T. Th. 11, Christian, Miss. W. F.		
Biology	1, Gen. Biology Div. I. T. Th. 1, Lab. M. 8:00-10:00	1, Gen. Biology Div. II. T. Th. 1, Lab. W. 8:00-10:00	10, Teachers' Agriculture T. Th. 10 Lab. M. W. 10:00 4 hrs.		Gen. Biology. Div. III. M. W. Lab. 2 hrs. 7, Bacteriology T. Th. 7, Lab. M. W. 1:30-3:30, 4 hrs.	3, Human Physiology T. Th. 3 Lab. F. 1:30-3:30
Chemistry		11, Chemistry T. Th.	13, Chemistry M. F. 14, Qual. Analysis T. Th.	19, Chemistry T. Th.	*11,Lab. M. T. W. Th. F. *13Lab. M. T. W. Th. F. *14,Lab. M. T. W. Th. F. *16,Lab. M. T. W. Th. F. †17,Lab. M. T. W. Th. F. ‡19,Lab. M. T. W. Th. F.	*11,Lab. M. T. W. Th. F. *13,Lab. M. T. W. Th. F. *14,Lab. M. T. W. Th. F. *16,Lab. M. T. W. Th. F. †17,Lab. M. T. W. Th. F. ‡19,Lab. M. T. W. Th. F.
Economics	1, Princ. of Econ. M. W. F.	7, Business Organization M. W. F.	T. Th. 9 Accounting M. W. F.		3, Corporations T. Th.	
Education	3 Elem. Ed. Psych. M. W. F. 15, Elem. Ed. Psych. T. Th. F.	7, Princ. of Educ. M. W. F. 18, Hist. Methods M. W. F.	17, Elem. Observation M. W. 17, Elem. Observation T. Th. 10 Hist. of Elem. Ed. M. W. F.	12, H. S. Observation (Special Assigns). 16a,School Manag. M. W. F. 15a, School Manag. T. Th. F.	13, Princ of Tch. M. W. F. 23, School Music T. Th.	14, Princ. of Teach. M. W. F. 24, School Drawing T. 9, H. S. Methods M. W. F.
English	7,Shakespeare M. F. S.	4, Survey of English Lit. M. W. F. 1a, English Compos. T. Th.	11, Amer. Lit. T. Th. 1a, English Compos. T. Th.	10, English Novel M. W. F. 1a, English Compos. T. Th. Chaucer T. Th.	4, Survey of English Lit. M. W. F. 1a English Compos. T. Th.	
Geology			3,Physiography Lab. W.	3, Physiography M. W. F.		7, Topographic Survey T. Th.
German		1, German I. M. T. Th. F.	3, German II. M. T. Th. F.			
Greek		1, Elem. Greek M. T. Th. F.	3, Xen. Anabasis M. W. F.	7,Demosthenes M. W. F.		
History	9, World War T. Th.	1, Europ. History M. W. F.		5, Adv. U. S. History M. W. F.	1, Europ History M. W. F.	11, Contem. History T. 15, Seminar 13, Teaching of History. M.
Home Economics	5, Foods (5 hrs). M. W. F. 5, Lab. T. Th. 8:00 M. W. F.	5, Lab. T. Th.	9, Household Manag. M. W. F. ** 3, Textiles Lab. 2 hrs. T. Div. II. M. Lab.	3, Textiles Th. 3 Textiles Lab. T. Div. M. Lab.	1, Design and Comp. W. 7,Food study Lab. Th.	1 Design and Comp. W. 7, Food Study Lab. Th. 7, Food Study. T.
Latin			1, Latin. M. W. F. 3, Special Latin T. Th.			
Math. and Astronomy	4, Analytics	1, Coll. Algebra M. W. F.	1, Coll. Algebra M. W. F.		7 Astronomy M. W. F.	Mechanics (To be arranged)
Oratory and Expression	1, Public Speaking M. W. F. 17, Teach Pub. Speak. & Observ. Practice T. Th.	1,Public Speaking M. W. F. 3,Interp. Reading T. Th.	1, Public Speaking M. W. F. 8, Arg. and Debate T. Th. 16, Adv. Oratory 1 hr. (To be arranged for intercollege orators)	11, Play Production, (Senior, 2 Sec., to be arranged) 2 hrs. 12, Debate Sem. (to be arranged) 2 hrs 30, Lit. Anal & Interp. (private periods to be arranged.)	6, Oratory and Orators, M. W. F. 5, Extemp. Pub. Address T. Th. 1, Public Speaking M. W. F.	1, Public Speaking. M. W. F. 3, Interp. Reading T. Th.
Philosophy and Psychology	1, Gen. Psychology M. W. F.	1, Gen. Psychology M. W. F.	6, Ethics, M. W. F.	1, Gen Psychology M. W. F. 2, Soc. Psychology T. Th.	6, Ethics M. W. F. 12, Evidences of Christianity. T. Th.	
Physics					1, Gen. Physics M. W. F. (1:30-3:30) 3, Gen. Physics T. Th. (1:30-3:30)	1, Gen Physics M. W. F. 3, Gen Physics T. Th.
Political Science and Sociology		8, Am. For. Relations M. W. F.	1, Am. Govt. M. W. F. 6, Mod. Govts. T. Th.	3, Prac. Sociology M. W. F.	6, Pol. Sci. and Sociol Seminar T. Th. (1 hr. Lab.) 1, Introd. Sociology M. W. F.	11, Con. Pol. Prob. T.
Romance Languages	1 French M. T. Th. F. 1, Spanish M. W. Th. F.	3, French II. M. T. W. Th. 3, Spanish M. W. Th. F.	1, French I. M. T. Th. F. 1, Spanish M. W. Th. F.	1, French I. M. T. Th. F. 8, Commercial Spanish T. Th.	3, French II. M. T. W. Th.	5, French M. W. F.

*Laboratory work to the extent of two credit hours to be selected from the above schedule.
†Laboratory work to the extent of three credit hours to be selected from the above schedule.
‡Laboratory work to the extent of four credit hours to be selected.
Note: A credit hour in laboratory consists of two consecutive hours.

SUBJECTS	8:00 to 9:00	9:00 to 10:00	A. M. 10:00 to 11:30	P. M. 12:30 P. M. 1:30	P. M. 1:30 to 2:30	P. M. 2:30 to 3:30
English Bible	2, Life of Christ T. Th. 2, Life of Christ W. F.	2, Life of Christ T. Th. 2, Life of Christ W. F.	2, Life of Christ T. Th. 6, Wisdom Literat. W. F. or 4, Soc. Teachings of Jesus W. F.	10, Bible Pedagogics T. Th.		
Biology	8, Gen. Biology Div. I. T. Th. 2, Lab. M. 8:00-10:00	2, Gen Biology Div. II. T. Th. 2, Lab. W. 8:00-10:00	11, Teachers' Agricul. T. Th. 11, ab. M. W. 10:00		10, Agriculture Div. I. M. W. 10, Lab. T. 1:30-3:30 2, Gen. Biology Div. II M. W. Lab. 2 hrs.	10, Agriculture Div. II. M. W. 10, Lab. Th. 1:30-3:30 4, Human Physiology T. Th. 4, Lab. F. 1:30-3:30
Chemistry	22, Chemistry T. W. Th. F. 17, Chemistry—hours to be arranged	12, Chemistry T. Th. 21, Chemistry M. W. F.	14, Qual, Analysis T. Th. 21, Chemistry F.	20, Chemistry T. Th.	*12, Lab. M. T. W. Th. F. *14, Lab. M. T. W. Th. F. ‡16, Lab. M. T. W. Th. F. ‡18, Lab. M. T. W. Th. F. ‡20, Lab. M. T. W. Th. F.	*12, Lab. M. T. W. Th. F. *14, Lab. M. T. W. Th. F ‡16, Lab. M. T. W. Th. F. ‡18, Lab. M. T. W. Th. F. ‡20, Lab. M. T. W. Th. F.
Economics	2, Princ. of Econ. M. W. F.	8, Salesmanship M. W. F.	10, Business Law T. Th. 11, Economic History U. S. M. W. F.			
Education	21, Arith. and Method M. W. F. 21, Arith and Method T. Th. F.	10, School Org. & Law M. W. F. 20, Teach of Geog. T. Th.	1, Observ. & Teach. (By Assignment) F. 5a, Hist. of Education. M W.	22, Reading Method M. W. F. 22, Reading Method T. Th. F.	19, Methods in Eng. M. W. F.	19, Methods in Eng. M. W. F. 24, School Drawing M. 8, Social Princ. of Education M. W. F.
English	8, Shakespeare M. W. F.	5, Survey of English Lit. M. W. F. 11a, Romantic Poets T. Th. 2a, English Compos. T. Th.	15, Amer. Lit. T. Th. 2a, English Compos. T. Th.	3, Advanced Compos. M. W. F. 2a, English Compos. T. Th. 16, Hist. of Eng. Language T. Th.	5, Survey of English Lit. M. W. F. 12a, Browning and Tenn. T. Th. 2a, English Compos. T. Th.	
Geology			4, Hist. Geol. Lab. W.	4, Hist. Geology M. W. F.	6, Field Geology 4hrs.	8, Petroleum Geology T. Th.
German		2, German I. M. T. Th. F.	4, German II. M. T. Th. F.			
Greek		2, Elem Greek M. T. Th. F.	4, Plato's Apology M. W. F.	5, New Test Greek M. W. F.		
History		2, Europ. History M. F.		6, Adv. U. S. History	2, Europ. History M. W. F.	12, Cont. History T. 16, Seminar by arrangement 14, French History
Home Economics	6, Foods (5 hrs.) M. W. F. 6, Lab. (2 hrs.) T. Th. 8:00-10:00	6, Lab. T. Th.	10, Sanitation M. W. F. 4, Textiles, Lab T. Textiles, Lab. M. Div. II.	4, Textiles. Th. 4, Textiles Lab. T. Div. II.	2, Design and Comp. T. W. 8, Food Study Th.	2, Design and Comp. W. 8, Food Study ab. Th. 8, Food Study
Latin			2, Latin, M. W. F. 4, Special Latin T. Th.			
Mathematics and Astronomy	6, Calculus M. T. W. Th F.	2, Trigonometry M. W. F.	2, Trigonometry M. W. F.			2, Mechanics (to be arranged) M. W. F.
Oratory and Expression	2, Public Speaking M. W. F. 18, Teach. Pub. Speak. and Observ. Practice T. Th.	2, Public Speaking M. W. F. 4, Advanced Interp. Reading T. Th.	2, Public Speaking M. W. F. 9, Arg. and Debate T. Th.	10, Play Production (Junior, 2 div. to be arranged) 2 hrs. 13, Debate Sem. (to be arranged) 2 hrs. 30, Lit. Anal. and Intern. (private periods to be arranged)	7, Oratory and Orators M. W. F. 14, Psych. of Express. T. Th. 2, Public Speaking M. W. F.	2, Public Speaking M. W. F.
Philosophy and Psychology	8, Problems of Philos. T. W. Th. F.	12, Modern Thinkers M. W. F.	9, Philosophy of Religion T. Th. 11, Genetic Psych. M. W. F.	4, Educational Psych. M. W. F.		
Physics					2, Gen. Physics M. W. F. (1:30-3:30) 4, Gen. Physics T Th. (1:30-3:30)	2, Gen. Physics M. W. F. (1:30-3:30)
Political Science and Sociology		9, Political Philosophy M. W. F. 4, Immigration T. Th. F.	2, American Gov't. M. W. F. 7, Modern Gov't. T. Th.		2, Social Pathology M. W. F. 7, Pol. Sci. and Social Senior T. Th	12, Con. Pol. Problems
Romance Languages	2, French I. M. T. Th. F. 2, Spanish I. M. W. Th. F.	4, French II. M. T. W. Th. 4, Spanish II. M. W. Th. F.	2, French I. M. T. Th. F. 2, Spanish I. M. W. Th. F.	2, French I. M. T. Th. F. 6, Commercial Spanish T. Th.	French II. M. T. W. Th. 2, French I. M. T. Th. F.	6, French T. W. Th.

*Laboratory work to the extent of two credit hours to be selected from the above schedule.
†Laboratory work to the extent of three credit hours to be selected from the above schedule.
‡Laboratory work to the extent of four credit hours to be selected.
Note: A credit hour in laboratory consists of two consecutive hours.

	8:00 to 9:00	9:00 to 10:00	10:00 to 11:30	12:30 P. M. 1:30	1:30 to 2:30	2:30 to 3:30
NTS						
lish *e*	2, Life of Christ T. Th. 2, Life of Christ W. F.	2, Life of Christ T. Th. 2, Life of Christ W. F.	2, Life of Christ T. Th. 6, Wisdom Literat. W. F. or 4, Soc. Teachings of Jesus W. F.	10, Bible Pedagogics T. Th.		
logy	8, Gen. Biology Div. I. T. Th. 2, Lab. M. 8:00-10:00	2, Gen Biology Div. II. T. Th. 2, Lab. W. 8:00-10:00	11, Teachers' Agricul. T. Th. 11, ab. M. W. 10:00		10, Agriculture Div. I. M. W. 10, Lab. T. 1:30-3:30 2, Gen. Biology Div. II. M. W. Lab. 2 hrs.	10, Agriculture Div. II. M. W. 10, Lab. Th. 1:30-3:30 4, Human Physiology T. Th. 4, Lab. F. 1:30-3:30
mistry	22, Chemistry T. W. Th. F. 17, Chemistry—hours to be arranged	12, Chemistry T. Th. 21, Chemistry M. W. F.	14, Qual, Analysis T. Th. 21, Chemistry F.	20, Chemistry T. Th.	*12,Lab. M. T. W. Th. F. *14,Lab. M. T. W. Th. F. ‡16,Lab. M. T. W. Th. F. ‡18,Lab. M. T. W. Th. F. ‡20,Lab. M. T. W. Th. F.	*12,Lab. M. T. W. Th. F. *14,Lab. M. T. W. Th. F. ‡16,Lab. M. T. W. Th. F. ‡18,Lab. M. T. W. Th. F. ‡20,Lab. M. T. W. Th. F.
nomics	2, Princ. of Econ. M. W. F.	8, Salesmanship M. W. F.	10, Business Law T. Th. 11, Economic History U. S. M. W. F.			
cation	21, Arith. and Method M. W. F. 21, Arith and Method T. Th. F.	10, School Org. & Law M. W. F. 20, Teach of Geog. T. Th.	1, Observ. & Teach. (By Assignment) F. 5a, Hist. of Education. M W.	22, Reading Method M. W. F. 22, Reading Method T. Th. F.	19, Methods in Eng. M. W. F.	19, Methods in Eng. M. W. F. 24, School Drawing M. 8, Social Princ. of Education M. W. F.
	8, Shakespeare M. W. F.	5, Survey of English Lit. M. W. F. 11a, Romantic Poets	15, Amer. Lit. T. Th. 2a, English Compos.	3, Advanced Compos. M. W. F. 2a, English Compos.	5, Survey of English Lit. M. W. F. 12a, Browning and	

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